BILL OF SALE AND PURCHASE AGREEMENT FOR MOTOR VEHICLES

THIS BILL OF SALE AND PURCHASE AGREEMENT FOR MOTOR VEHICLES (this "Agreement") is made as of the 12th day of July 2019 by and between ROADRUNNER MANAGEMENT SERVICES, INC. ("RMS"), a California corporation ("Seller"), and Ventura County Transportation Commission (VCTC), a California government agency ("Buyer").

RECITALS

WHEREAS, Seller and Buyer are parties to VCTC Intercity Transit Services Agreement dated November 26, 2014, and subsequent amendments (collectively, the "Transit Agreement"), pursuant to which Buyer pays Seller to operate its transit service; and

WHEREAS, the fixed monthly rates included in Section 8(b) of the Transit Agreement include the costs of vehicles leased or owned by Seller for provision of the services; and

WHEREAS, Buyer has determined that it would be more cost-effective for Buyer to purchase the vehicles leased or owned by Seller than for Buyer to pay for those vehicles as part of the fixed monthly rates; and

WHEREAS, the vehicles that Buyer intends to purchase and which have been previously leased or are owned by Seller for provision of the services are those certain vehicles set forth in <u>Exhibit A</u> attached hereto and made a part hereof ("Vehicles"); and

WHEREAS, Seller wishes to convey title to the Vehicles to Buyer in connection with, and contingent upon, Buyer's payment to Seller in full of the total agreed valuation as of the date hereof, in the amount of \$5,094,100 (the "Payoff Amount").

NOW, THEREFORE, for good and valuable consideration the receipt and sufficiency of which are hereby acknowledged by Seller and Buyer, the parties hereto agree as follows:

1. <u>CONVEYANCE OF TITLE.</u> Subject to the terms and conditions hereof including but not limited to paragraphs 3.1 and 3.2 below, (i) Seller hereby sells, conveys, transfers, assigns, and sets over unto Buyer title to the Vehicles free and clear of any and all liens security interests, charges and encumbrances (collectively, "<u>Liens</u>") of any kind or nature whatsoever caused to be placed thereon by or on behalf of Seller and specifically excluding any Liens or encumbrances of any nature that Buyer may have caused to affect the Vehicles, intending hereby to convey all of the right, title and interest of Seller therein and (ii) Buyer hereby agrees to pay the Payoff Amount to Seller. Seller hereby represents and warrants that it holds good, valid and marketable title to the Vehicles.

Except for the foregoing representations and warranties, Seller conveys the Vehicles to Buyer "AS IS" and "WHERE IS" and without any warranty of condition marketability or suitability for a particular purpose. The Vehicles are already under the control of Buyer per the Transit Agreement, and, accordingly, the Vehicles are hereby deemed to have been delivered by Seller to Buyer.

Prior to the execution of this Agreement, Seller must remedy all of the vehicle inspection defects (referred to as "Class A" and "Class B" defects in <u>Exhibit B</u> attached hereto and incorporated herein) or have any remaining appraisal defect repairs staged and sequenced for completion. For any vehicles showing abnormal engine and transmission wear findings resulting from the fluids analysis as have been identified in the Inspection Report contained in <u>Exhibit B</u>, the

Seller must remedy the accelerated wear condition by applying the Inspection Report recommended mitigation actions. All such remedies and mitigations contemplated in this Section 1 must be completed by Seller and verified by Buyer prior to the execution of this Agreement, except for any incomplete repairs that are awaiting unanticipated part or technical support, in which case such repairs shall be completed no later than September 1, 2019. For repairs completed after execution of this Agreement, Seller's completion of the repair will still be subject to Buyer's inspection and verification. Buyer's defect repair and system mitigation verification under this Section may include inspection, maintenance work order review, or both by Buyer or its designee.

2. <u>PAYMENT OF PAYOFF AMOUNT.</u> Seller shall receive from or on behalf of Buyer, by July 31, 2019, a wire in immediately collectible funds in an amount equal to the Payoff Amount. Such funds shall be wired by or on behalf of Buyer to:

Bank Name: Texas Capital Bank Account Name: Roadrunner Management Services ABA: 111017979 Acct #: 2111057382 Fed ID: 45-5623827 Reference: Payoff of Roadrunner Management Services vehicles

3. <u>CERTIFICATES OF TITLE.</u> Upon payment of the Payoff Amount to the account identified in Section 2: (a) Seller shall promptly deliver to Buyer, via FedEx Next Day Air or equivalent service, at the address set forth below Buyer's signature, duly endorsed original certificates of title to the Vehicles. (b) Buyer (or its designee) is hereby authorized to file any lien terminations or releases (including, without limitation, any UCC-3 termination statements and any applicable lien releases with the California Department of Motor Vehicles and to remove any plaque affixed to any Vehicle to evidence Seller's ownership thereof; and (c) upon the request of Buyer, Seller shall promptly execute and deliver to Buyer or its designee such other termination and release documents, instruments, notices, or agreements (in recordable form if applicable) or perform such other actions as reasonably necessary to effectuate or evidence the termination and release of the security interests and liens securing the obligations under any existing leases or financing applicable to the Vehicles.

3.1 <u>POWERS OF ATTORNEY</u>. Seller shall provide executed Powers of Attorney authorizing Buyer to take steps necessary for filing for original, duplicate and/or salvage title, releasing Seller's ownership in interest in such Vehicles.

3.2 <u>TAXES, FEES, AND RELEASE</u>. Upon transfer, Buyer is responsible for all sales tax, title, and registration fees associated with acquiring Seller's ownership in interest in such Vehicles.

Upon payment of the Payoff Amount to the account identified in Section 2: (i) each of Buyer and Seller hereby forever releases the other party of any obligation or liability of any kind under, or arising out of or in connection with, the conveyance of the Vehicles contemplated by this Agreement. Each party expressly acknowledges and agrees that all rights under Section 1542 of the California Civil Code are expressly waived. That section provides: A GENERAL RELEASE DOES NOT EXTEND TO CLAIMS WHICH THE CREDITOR DOES NOT KNOW OR SUSPECT TO EXIST IN OR HER FAVOR AT THE TIME OF EXECUTING THE RELEASE, WHICH IF KNOWN BY HIM OR HER MUST HAVE MATERIALLY AFFECTED HIS OR HER SETTLEMENT WITH DEBTOR.

5. <u>GOVERNING LAW.</u> This Agreement is governed by the laws of the State of California applicable to contracts made and to be performed therein without regard to any conflict or choice of law provisions thereof that would cause the application of laws of any jurisdiction other than those of the State of California. Any action to enforce the terms of this Agreement shall

be solely brought in a court of competent jurisdiction in the State of California. This Agreement may be executed in multiple counterparts, each of which shall constitute an original. This Agreement constitutes the entire agreement between the parties.

[Signature Page Follows]

IN WITNESS WHEREOF, the undersigned set their hands hereunto as of the date set forth above.

BUYER: VENTURA COUNTY TRANSPORTATION COMMISSION

By: ____ Name: Title:

Address:

950 County Square Drive, Suite 207 | Ventura, CA 93003

SELLER:

ROADRUNNER MANAGEMENT SERVICES Inc., a wholly owned subsidiary of RATP Dev USA, LLC

By: _____

Name: Blaine Rigler Title: President & CEO

Address:

3800 Sandshell Drive Suite 180 Ft Worth, TX 76137 Attention: Jon Stevens

Exhibit A

VEHICLES

3CET2S220E5163100 (981)	2014 Volvo	\$255,770
3CET2S224E5165478 (326)	2014 Volvo	\$275,770
3CET2S221D5159700 (983)	2014 Volvo	\$256,267
3CET2S225D5160756 (986)	2014 Volvo	\$251,267
3CET2S228D5160798 (988)	2014 Volvo	\$253,767
1M86DMBA4FP013752 (315)	2015 MCI	\$345,569
1M86DMBA4FP013753 (316)	2015 MCI	\$345,569
1M86DMBA4FP013754 (317)	2015 MCI	\$345,569
1M86DMBA4FP013755 (318)	2015 MCI	\$345,569
1M86DMBA1FP013756 (319)	2015 MCI	\$345,569
1M86DMBA1FP013757 (320)	2015 MCI	\$345,569
1M86DMBA5FP013758 (321)	2015 MCI	\$345,569
1M86DMBA7FP013759 (322)	2015 MCI	\$345,569
1M86DMBA7FP013760 (323)	2015 MCI	\$345,569
1M86DMBA7FP013761 (324)	2015 MCI	\$345,569
1M86DMBA7FP013762 (325)	2015 MCI	\$345,569

Exhibit B IDENTIFIED DEFECTS/ REPAIRS IN INSPECTION REPORT

3244812.1

EXHIBIT B TO BILL OF SALE AND PURCHASE AGREEMENT FOR MOTOR VEHICLES

Ventura County Transportation Commission

Fleet Maintenance Audit

Eleven (11) MCI 4505 Buses & Five (5) Volvo 9700 Buses Conducted March 23 - 24, 2019



TRC Engineering Services, LLC 5840 Red Bug Lake Road Suite 165 Winter Springs, FL 32708 Phone: (407) 977-4500 Fax: (407) 977-7333 tranrc@earthlink.net

VENTURA COUNTY TRANSPORTATION COMMISSION FLEET MAINTENANCE AUDIT Sixteen (16) Buses Conducted March 23 - 24, 2019

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VENTURA COUNTY TRANSPORTATION COMMISSION FLEET MAINTENANCE AUDIT Sixteen (16) Buses Conducted March 23 – 24, 2019

EXECUTIVE SUMMARY

TRC Engineering Services (TRC) was contracted by Ventura County Transportation Commission (VCTC) to conduct inspections and appraisal evaluations on the sixteen (16) buses currently leased to VCTC by RATP/Roadrunner. The results from these inspections and appraisal evaluations will help guide VCTC regarding potential acquisition of these 16 buses.

The following report presents the findings of the maintenance audit portion of this evaluation of eleven (11) 2015 MCI 4505 buses and five (5) 2013/14 Volvo 9700 buses owned by RATP/Roadrunner. The maintenance audit was conducted on March 23 – 24, 2019. The report compares the findings of this current audit to the findings of the previous two audits conducted by TRC on buses owned by VCTC. All 16 buses received a physical inspection. TRC also drew engine oil and transmission fluid samples from all 16 buses and coolant samples from 14 buses.

The results of this audit showed:

- The total number of maintenance defects found during this audit was 102, or 6.38 average defects per bus, up considerably when compared to the average of 4.60 defects per bus found during the January 2019 audit and the average of 5.00 defects per bus found during the initial audit conducted in September 2018.
- Thirty-two (32) Class "A" defects were found during this audit, or an average of 2.00 Class "A" defects per bus, compared to an average of 1.40 Class "A" defects per bus during the January 2019 audit and 2.88 Class "A" defects per bus during the initial audit conducted in September 2018. Class "A" defects were found on twelve (12) of the 16 buses inspected. A Class "A" defect is a safety-related defect that requires immediate repair and keeps the vehicle from returning to revenue service until the defect is corrected. TRC will review the PMI paperwork on the buses that had Class "A" defects were completed in a timely manner and the buses were returned to service.
- The review of on-time adherence to preventive maintenance inspections (PMIs) scheduled for 5,000-mile intervals found that the PMI work was performed on time and within mileage requirements.
- Positive observations from this audit include the following:
 - RATP/Roadrunner management and staff were cooperative and prepared in providing a constant supply of buses for TRC to inspect, thus, ensuring that the audit inspections were efficiently carrier out.
 - \circ $\;$ The shop work areas were clean and well organized.

Additional audit findings are presented in various tables located throughout this report. The tables are based on data contained in Excel spreadsheets included on a separate drive as Appendix A to this report. A summary of recommendations is provided at the end of this report.

Audit Report

BUSES INSPECTED

Sixteen (16) buses received a physical inspection and PMI records review. Engine oil and transmission fluid samples were taken from all 16 buses and coolant samples were taken from 14 buses. Table 1 identifies these buses.

Table 1 Buses Inspected				
PHYSICAL INSPECTION	MODEL YEAR	VEHICLE MAKE	FLUIDS ANALYSIS	
315	2015	MCI	X	
316	2015	MCI	Х	
317	2015	MCI	Х	
318	2015	MCI	Х	
319	2015	MCI	Х	
320	2015	MCI	Х	
321	2015	MCI	Х	
322	2015	MCI	Х	
323	2015	MCI	Х	
324	2015	MCI	Х	
325	2015	MCI	Х	
326	2014	Volvo	Coolant sample not taken	
981	2014	Volvo	Coolant sample not taken	
983	2013	Volvo	Х	
986	2013	Volvo	Х	
988	2013	Volvo	Х	

EVALUATION CRITERIA & METHODOLOGY

TRC assigned a team of two bus inspectors to perform the maintenance audit, physically inspect the buses, and draw fluid samples. The inspection team members were Lee Loper and Greg Dowell. Mr. Loper also served as Project Manager and organized the overall inspection process, performed the records and fluids analysis audit, and prepared the final report. The material which follows describes the evaluation criteria and methodology used by TRC to conduct the fleet inspection and the records and fluids analysis audits.

Fleet Inspection

Specific defects documented during the bus inspections were classified under 18 functional categories:

- 1) Accessibility Features
- 2) Air System/Brake System

- 3) Climate Control
- 4) Destination Signs
- 5) Differential
- 6) Driver's Controls
- 7) Electrical System
- 8) Engine Compartment
- 9) Exhaust
- 10) Exterior Body Condition
- 11) Interior Condition
- 12) Lights
- 13) Passenger Controls
- 14) Safety Equipment
- 15) Structure/Chassis/Fuel Tank
- 16) Suspension/Steering
- 17) Tires
- 18) Transmission

An "A/B" designation system was used to distinguish defects requiring immediate repair from those that could be repaired at a later time.

- **Class A** Indicates a safety-related defect that requires immediate repair and keeps the vehicle from returning to revenue service until the defect is corrected.
- **Class B** Indicates a non-safety critical defect that requires attention during the next scheduled preventive maintenance service interval.

Class "A" safety defects were discussed and agreed upon between VCTC and the TRC inspectors during the initial inspection in September 2018. A list of the Class "A" defects regarded as being safety related for this audit is attached as Appendix B. During the inspection, TRC provided RATP/Roadrunner and VCTC staff with copies of the defect lists for use in scheduling repairs. TRC inspectors also verified operation of certain controls to ensure that defects were legitimate ones and not the result of the inspectors being unfamiliar with specific bus equipment.

Records and Fluids Analysis Audit

The audit team conducted a fluids analysis and reviewed the PMI records for all 16 buses. The fluids analysis audit included taking engine oil, transmission fluid, and coolant samples from the buses inspected. (TRC was unable to take coolant samples from Volvo units 326 and 981 due to a short shipment of sample bottles.)

The records examination set out to determine if:

- Preventive maintenance (PM) had been performed correctly and at prescribed intervals;
- Repairs had been performed properly and made promptly.

PM Intervals

To determine if preventive maintenance inspections (PMIs) were performed correctly and on time, TRC examined the PMI records of the sixteen (16) buses. Mileage between the last four scheduled PMIs was calculated to determine if the inspections were performed on time (within 300 miles of the scheduled 5,000-mile interval) or if they were late.

<u>Repairs</u>

To determine if repairs were performed properly and made promptly, two audit procedures were used:

- 1) PMI sheets going back to the previous four PMIs were selected and examined for each of the sixteen (16) buses to determine if and when defects defined during the PMI process were repaired.
- 2) Defects from the previous four PMIs were then compared to determine if any defects were repeated from one PMI to the next.

From this comparison, TRC can determine if the defects were repaired or if they were simply noted on subsequent inspections.

Fluids Analysis Management

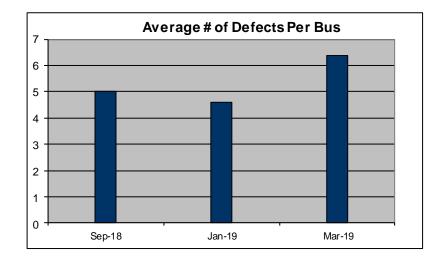
TRC uses a fluids analysis program to verify any problems which may have occurred before the initial inspection. TRC examined the engine and transmission oil change records for each of the sixteen (16) buses going back four PMIs (64 records). TRC also reviewed the mileage between oil changes to verify that the buses were being serviced at the newly changed interval of 10,000 miles. The previous oil change interval was set at 15,000-miles.

TRC also drew engine oil, transmission fluid, and coolant samples from each of the 16 buses inspected, with the exception of drawing coolant samples from two Volvo units. TRC will review those results (46 samples) when received. In reviewing the results, TRC looks for evidence of inappropriate levels of deterioration.

FINDINGS

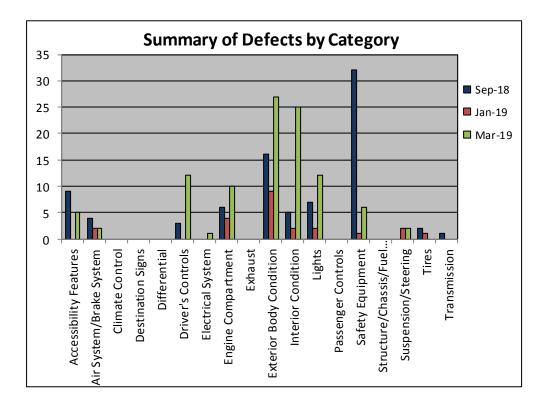
Overall Fleet Condition

The total number of defects found during this audit was 102, or an average of 6.38 defects per bus. As can be seen in the chart which follows, this inspection showed an increase in the average number of defects per bus when compared to the initial audit conducted in September 2018 and the January 2019 audit.



Defects were found in the Accessibility Features, Air System/Brake System, Driver's Controls, Electrical Systems, Engine Compartment, Exterior Body Condition, Interior Condition, Lights, Safety Equipment, and Suspension/Steering categories. The Exterior Body Condition category showed the most defects during this current audit with a total of twenty-seven (27) defects, followed by the Interior Condition category with a total of twenty-five (25) defects. A breakdown of defects by category can be found in Table 2 and the chart below.

Table 2						
Summary of Defects By Category	9/15/18	1/20/19	3/23/19			
Accessibility Features	9	0	5			
Air System/Brake System	4	2	3			
Climate Control	0	0	0			
Destination Signs	0	0	0			
Differential	0	0	0			
Driver's Controls	3	0	12			
Electrical System	0	0	1			
Engine Compartment	6	4	10			
Exhaust	0	0	0			
Exterior Body Condition	16	9	27			
Interior Condition	5	2	25			
Lights	7	2	12			
Passenger Controls	0	0	0			
Safety Equipment	32	1	6			
Structure/Chassis/Fuel Tank	0	0	0			
Suspension/Steering	0	2	1			
Tires	2	1	0			
Transmission	1	0	0			
Total Defects:	85	23	102			
Avg. Defects Per Bus:	5.00	4.60	6.38			



Specific Defect Summaries

All of the defects identified during the inspections were entered in a database which was used to generate a Master Defect Sheet. Data contained in that spreadsheet were then used to produce a series of detailed Excel reports.

The following Excel spreadsheets produced by TRC for the VCTC are included as a CD attachment to this report:

- **Defect Summary:** includes a summary of defect totals and a summary of the 18 defect categories
- All Defects (Master Defect Sheet): identifies all defects for all buses inspected
- **Defects by Category:** identifies specific defects under each of the 18 categories
- "A" Defects: identifies all Class "A" defects
- "A" Defects by Category: identifies specific "A" defects under each of the 18 categories
- "B" Defects: identifies all Class "B" defects
- "B" Defects by Category: identifies specific "B" defects under each of the 18 categories
- Buses Inspected: lists all buses inspected and those selected for a fluids analysis audit

As mentioned earlier, each defect was given a severity code:

- **Class A** Indicates a safety-related defect that requires immediate removal from service and keeps the vehicle from returning to revenue service until the defect is corrected.
- **Class B** Indicates a non-safety critical defect that requires attention during the next scheduled preventive maintenance service interval.

Defect Analysis

Defects identified by TRC were analyzed to determine the severity or detrimental impact they pose in terms of safety, comfort and convenience, as well as structural integrity.

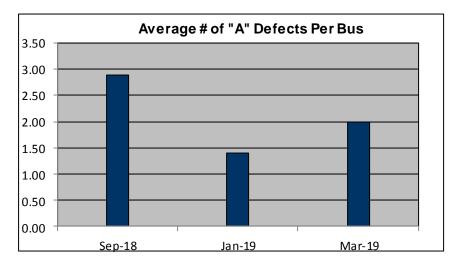
<u>Safety</u>

Thirty-two (32) Class "A" defects, or an average of 2.00 Class "A" defects per bus, were found during this current audit compared to an average of 1.40 Class "A" defects per bus during the January 2019 audit and 2.88 Class "A" defects per bus during the initial audit conducted in September 2018. These 32 Class "A" defects found during this inspection are listed in Table 3 which follows.

Table 3			
Bus #	Year	Make	Class "A" Defects
315	2015	MCI	Electrical box, front, bare wires showing
315	2015	MCI	Headlight, S/S front, high beam inop
315	2015	MCI	ATC light, dash, light is on
315	2015	MCI	Wheelchair curb light, C/S sidewall, inop
319	2015	MCI	Air leak, tag axle, camber lock on tag axle leaking
320	2015	MCI	ABS & ATC lights, dash, lights are on
322	2015	MCI	Fire suppression system, interior front, inop
323	2015	MCI	Windshield, driver's side, rock chips in line of sight
324	2015	MCI	ABS light, dash, light is on
324	2015	MCI	ATC light, dash, light is on
324	2015	MCI	Back-up light, C/S rear, inop
325	2015	MCI	Air leak, tag axle, Camber lock on tag axle leaking
326	2014	Volvo	Marker lights, upper, inop
326	2014	Volvo	Brake light, S/S lower rear brake light, inop
326	2014	Volvo	Marker light, C/S front, inop
326	2014	Volvo	Back-up lights, exterior, inop
326	2014	Volvo	Back-up alarm, exterior, inop
326	2014	Volvo	Wheelchair lift, inop
981	2014	Volvo	Fire suppression system, dash, has trouble light on
981	2014	Volvo	Kneeling, C/S exterior, inop
981	2014	Volvo	Marker light, upper front center marker light, inop
981	2014	Volvo	Marker light, C/S center lower, inop
983	2013	Volvo	Emergency park brake release knob, dash, missing
983	2013	Volvo	Check engine light, dash, light is on
983	2013	Volvo	Brake light, C/S rear lower brake light, inop
983	2013	Volvo	Wheelchair lift, inop
			Oil leak, engine compartment, crank case filter housing gasket
983	2013	Volvo	leaking
983	2013	Volvo	Fire suppression system, dash, inop

Table 3				
Bus # Year Make Class "A" Defects				
986	2013	Volvo	Fire suppression system, dash, inop	
988	2013	Volvo	Mil light, dash, light is on	
988	2013	Volvo	Back-up alarm, rear, inop	
988	2013	Volvo	Marker light, C/S front, inop	

A Class "A" defect is a safety-related defect that requires immediate repair and keeps the bus from returning to revenue service until the defect is corrected. Class "A" defects were found on twelve (12) of the 16 buses inspected. The 32 Class "A" defects had to be repaired before these twelve buses could be allowed to return to revenue service. As can be seen in the chart below, this current inspection showed an increase in the average number of Class "A" defects per bus when compared to the January 2019 audit but showed a decrease when compared to the initial audit conducted in September 2018.



Comfort and Convenience

During this audit, TRC found the interiors and exteriors of buses to be kept clean and well maintained.

Structural Integrity

TRC did not observe any structural defects during this audit.

PMI Paperwork Review Findings

TRC performed a PMI paperwork review during this inspection. The review found that PMI work was done on time and within mileage requirements.

PMI Schedule Adherence

TRC examined the records of the sixteen (16) buses to determine if the PMIs were being done at the scheduled 5,000-mile intervals. PMI intervals were considered "on time" if performed on or before 5,300 miles ("late window" of 300 miles). The review found that the buses had PMI work performed within mileage requirements. The PMI records were well organized and easy to locate.

Fluids Analysis Management

TRC examined the engine and transmission oil change records for each of the sixteen (16) buses going back four PMIs. TRC also reviewed the mileage between oil changes to verify that the buses were being serviced at the recently changed 10,000-mile oil change intervals and that the records were properly filed for easy reference. TRC found that all buses were serviced on time.

TRC also drew engine oil, transmission fluid, and coolant samples from the 16 buses inspected with the exception of drawing coolant samples from two Volvo units (units 326 & 981). Results can be found in Table 4 below.

	Table 4				
Fluids Analysis Results					
Engine Oil:	Results				
315	Normal				
316	Normal				
317	Normal				
318	Normal				
319	Normal				
320	Normal				
321	Normal				
322	Normal				
323	Normal				
324	Normal				
325	Normal				
326	Normal				
	Caution: All wear levels appear within acceptable limits for first sample. PQ Index number (ferrous material) exceeds tolerance limit. Silicon level				
	(dirt/sealant material) satisfactory. Water content acceptable. Fuel				
	dilution satisfactory. Viscosity within specified operating range. Action:				
	, , , , , , , , , , , , , , , , , , , ,				
	Advise inspect magnetic plug for wear debris and evaluate. Change oil				
	and filter(s) if not already done. Resample at next recommended				
981	interval to monitor and establish wear trend.				
983	Normal				
986	Severe: Elevated Nickel indicates possible valve train wear. Elevated Iron level indicates possible crankshaft, camshaft, gear train, cylinder wear, or corrosion. Silicon level (dirt/sealant material) abnormal. Minor fuel dilution occurring. Silicon level (dirt/sealant material) satisfactory. Water content acceptable. Viscosity within specified operating range. Action: Check fuel injection system. Check for lower than typical oil pressure. Change oil and filter(s) if not already done. Resample after corrective action to further monitor.				
988	Normal				
Transmission Fluid:					
315	Normal				
316	Normal				
317	Normal				
318	Normal				
319	Normal				
320	Normal				
321	Normal				

	Table 4
	Fluids Analysis Results
322	Normal
323	Normal
324	Normal
325	Normal
326	Normal
981	Normal
983	Normal
986	Abnormal: Cooler core leaching/clutch pack/thrust washer wear indicated. Dirt level (alumina + silica) high. Other contaminant levels acceptable. Viscosity within specified operating range. Action: Check all dirt access points. Advise inspect filter/strainer for abnormal wear metal (if applicable). Advise schedule for oil change. Resample at a reduced service interval to monitor and establish wear trend.
988	Abnormal: Bearing/bushing/thrust washer wear indicated. Silicon level (dirt/sealant material) satisfactory. Water content acceptable. Viscosity within specified operating range. Action: Resample at a reduced service interval to monitor and establish wear trend. Please provide all compartment make and model details.
Coolant:	
315	Abnormal: Glycol level is high. pH is low. Pressure check radiator cap, if it fails replace cap and recheck pressure. Check that proper coolant volume is being maintained. Recommend adjust coolant to a 50/50 mix. Recommend take corrective action and resample to monitor.
316	Caution: pH is low. Glycol level is normal. Recommend drain 50% and Re-Inhibit.
317	Abnormal: Glycol level is high. pH is low. Pressure check radiator cap, if it fails replace cap and recheck pressure. Check that proper coolant volume is being maintained. Recommend adjust coolant to a 50/50 mix. Recommend take corrective action and resample to monitor.
318	Normal
319	Abnormal: Glycol level is high. pH level is normal. Pressure check radiator cap, if it fails replace cap and recheck pressure. Check that proper coolant volume is being maintained. Recommend adjust coolant to a 50/50 mix. Recommend take corrective action and resample to monitor.
320	Normal
321	Caution: pH is low. Glycol level is normal. Recommend drain 50% and Re-Inhibit.
322	Normal
323	Caution: pH is low. Glycol level is normal. Recommend drain 50% and Re-Inhibit.
324	Normal
325	Abnormal: pH is low. Glycol level is high. Suggest drain, flush and refill cooling system.
326	Coolant sample not taken due to shortage of sample kits
981	Coolant sample not taken due to shortage of sample kits
983	Normal
986	Normal
988	Normal

SUMMARY OF RECOMMENDATIONS

- TRC recommends that RATP/Roadrunner consolidate all Volvo bus files to the current facility.
- TRC recommends that RATP/Roadrunner review its paint and body repair guidelines to conform to industry standards (i.e. minimal body filler, OEM parts, and proper procedure to clean and gloss top coat paint). Substandard repair methods will compromise the integrity and value of the fleet buses.
- TRC recommends that RATP/Roadrunner instruct the maintenance workers and cleaning crew of the proper procedure to remove graffiti from glass and interiors.

APPENDIX A: Electronic copy of EXCEL spreadsheet reports

APPENDIX B:

Master Class "A" Defects

- Fire extinguisher
- Headlights
- Wipers
- Washers
- Cracked windshield in driver's view
- Seat belts, driver
- Turn signals
- Horn
- Emergency flashers
- Brake lights
- Air pressure/Air leaks
- Brake lining thickness @ _____
- Tire tread depth @ _____
- Fuel leak
- Exposed wires
- Proximity to exhaust oil, harness, etc.
- Oil/Grease on Brakes
- Wheelchair lift/ramp & securement
- Sharp edges interior
- Tripping hazard interior
- Critical steering/suspension play, wear
- Sensitive edges doors not working at all
- Tire pressure below 80 psi
- Wheel lug nuts
- Exhaust leak into bus
- Back up alarm
- Excessive slack adjuster throw past ______
- Excessive oil in air system
- Missing battery label for shutoff
- Missing emergency exit signs
- Emergency window won't open

APPENDIX C: Fluid Analysis Results

(ALS)

UIN 071E773

	Diesel Engine
Unit No.	315
Unit:	
Make	MCI
Model	D4505
Serial No.	
Site	VCTC
Compartmen Name Make Model Serial No.	t: Diesel Engine
Capacity:	

Customer:

TRANSIT RESOURCE CENTER 5840 Red Bug Lake Rd Ste 165 Winter Springs FL 32708 USA

DIAGNOSIS

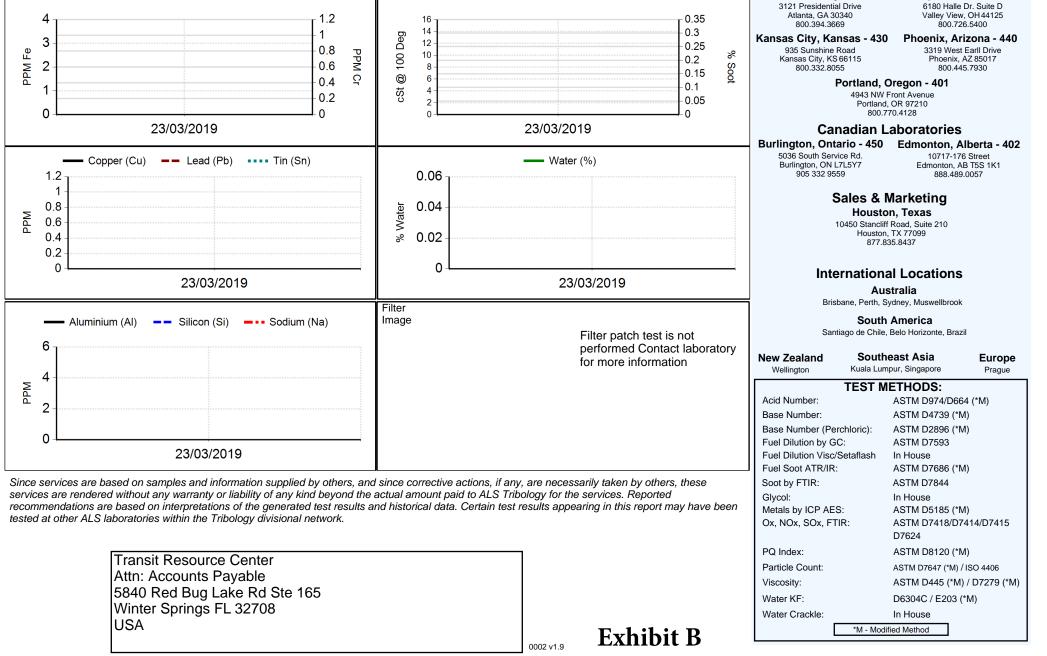
All wear levels appear within acceptable limits for first sample. Silicon level (dirt/sealant material) satisfactory. Water content acceptable. Fuel dilution satisfactory. Viscosity within specified operating range. Action: Resample at next recommended interval to monitor and establish wear trend.

DATE SAMPLED		23-Mar-19
DATE RECEIVED		04-Apr-19
DATE REPORTED		05-Apr-19
LAB NO.		41022166147
SIF NO.		35424202
TIME ON UNIT	Hrs	
TIME ON OIL	Hrs	
		Petro Canada Duron HP
OIL TYPE OIL GRADE		SAE 15W40
OIL ADDED		
FILTER	Hrs	
OIL CHANGED		
WO NUMBER		
Metals (ppm)		
Iron (Fe)		4
Chromium (Cr)		<1
Lead (Pb)		<1
Copper (Cu)		<1
Tin (Sn)		<1
Aluminium (AI)		2
Nickel (Ni)		<1
Silver (Ag)		<1
Titanium (Ti)		<1
Vanadium (V)		<1
Contaminants (ppm)		
Silicon (Si)		6
Sodium (Na)		2
Potassium (K)		<1
Additives (ppm)		
Magnesium (Mg)		397
Calcium (Ca)		1505
Barium (Ba)		<1
Phosphorus (P)		1021
Zinc (Zn)		1210
Molybdenum (Mo)		90
Boron (B)		449
Contaminants		
Water (%)		<0.05
Coolant		No
Physical Tests		
Viscosity (cSt 100C)	14.0
Fuel (%)		<1
PQ Index		<10
Soot (%) Infrared		0.3

ANALYST: Sam Smith Cleveland



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Viscosity (cSt 100C)

-- Soot (%) Infrared

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UIN 071E773

Atlanta, Georgia - 420

U.S. Laboratories

Valley View, Ohio - 410



Chromium (Cr)

Iron (Fe)

(ALS)	

UIN 071E799

	Diesel Engine
Unit No.	316
Unit:	
Make	MCI
Model	D4505
Serial No.	
Site	VCTC
Compartment Name Make Model	Diesel Engine
Serial No.	
Capacity:	

Customer:

TRANSIT RESOURCE CENTER 5840 Red Bug Lake Rd Ste 165 Winter Springs FL 32708 USA

DIAGNOSIS

All wear rates normal. Abrasive and other contaminant levels are acceptable. Viscosity within specified operating range. Action: Resample next recommended service interval to further monitor.

DATE SAMPLED		23-Mar-19		
DATE RECEIVED		04-Apr-19		
DATE REPORTED		05-Apr-19		
LAB NO.		41022166186		
SIF NO.		35424194		
TIME ON UNIT	Hrs			
TIME ON OIL	Hrs			
OIL BRAND		Chevron		
		Delo 400 LE SAE 15W40		
OIL GRADE OIL ADDED		SAE 15W40		
FILTER	Hrs			
OIL CHANGED				
WO NUMBER				
Metals (ppm)				
Iron (Fe)		8		
Chromium (Cr)		<1		
Lead (Pb)		<1		
Copper (Cu)		<1		
Tin (Sn)		<1		
Aluminium (Al)		3		
Nickel (Ni)		3 <1		
Silver (Ag)		<1		
Titanium (Ti)		<1		
Vanadium (V)		<1		
Contaminants (ppm)		7		
Silicon (Si)		7		
Sodium (Na)		2		
Potassium (K)		<1		
Additives (ppm)		400		
Magnesium (Mg)		429		
Calcium (Ca)		1657		
Barium (Ba)		<1		
Phosphorus (P)		1112		
Zinc (Zn)		1326		
Molybdenum (Mo)		100		
Boron (B)		477		
Contaminants				
Water (%)		<0.05		
Coolant		No		
Physical Tests				
Viscosity (cSt 100C))	14.0		
Fuel (%)		<1		
PQ Index		<10		
Soot (%) Infrared		0.3		

ANALYST: Susan.Stapleton



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		U.S. Laboratories
Chromium (Cr) Iron (Fe)		Atlanta, Georgia - 420 Valley View, Ohio - 410 3121 Presidential Drive 6180 Halle Dr. Suite D Atlanta, GA 30340 Valley View, OH 44125 800.394.3669 800.726.5400
6 4 0.8 0.6 0.4 0.4 0.4	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Kansas City, Kansas - 430 Phoenix, Arizona - 440 935 Sunshine Road 3319 West Earll Drive Kansas City, KS 66115 Phoenix, AZ 85017 800.332.8055 800.445.7930
		Portland, Oregon - 401 4943 NW Front Avenue Portland, OR 97210 800.770.4128
23/03/2019	23/03/2019	Canadian Laboratories
─── Copper (Cu) ─── Lead (Pb) ••••• Tin (Sn)	Water (%) 0.06	Burlington, Ontario - 450Edmonton, Alberta - 4025036 South Service Rd.10717-176 StreetBurlington, ON L7L5Y73Edmonton, AB TSS 1K1905 332 9559888.489.0057
1 0.8 0.6 0.4 0.2	age S ≫ 0.02 -	Sales & Marketing Houston, Texas 10450 Stancliff Road, Suite 210 Houston, TX 77099 877.835.8437
0	0	International Locations
23/03/2019	23/03/2019	Australia Brisbane, Perth, Sydney, Muswellbrook
Aluminium (Al) —— Silicon (Si) —— Sodium (Na)	Filter Image Filter patch test is not performed Contact laboratory for more information	South America Santiago de Chile, Belo Horizonte, Brazil New Zealand Southeast Asia Europe Wellington Kuala Lumpur, Singapore Prague
₹ 4 2 0 23/03/2019		TEST METHODS: Acid Number: ASTM D974/D664 (*M) Base Number: ASTM D4739 (*M) Base Number (Perchloric): ASTM D2896 (*M) Fuel Dilution by GC: ASTM D7593 Fuel Dilution Visc/Setaflash In House Fuel Soot ATR/IR: ASTM D7686 (*M)
Since services are based on samples and information supplied by others, and services are rendered without any warranty or liability of any kind beyond the recommendations are based on interpretations of the generated test results a tested at other ALS laboratories within the Tribology divisional network.	actual amount paid to ALS Tribology for the services. Reported	Norm D1000 (M) Soot by FTIR: ASTM D7844 Glycol: In House Metals by ICP AES: ASTM D5185 (*M) Ox, NOx, SOx, FTIR: ASTM D7418/D7414/D7415 D7624 D7624
Transit Descurse Contar		PQ Index: ASTM D8120 (*M)
Transit Resource Center Attn: Robin Thompson		Particle Count: ASTM D7647 (*M) / ISO 4406
5840 Red Bug Lake Rd Ste 165		Viscosity: ASTM D445 (*M) / D7279 (*M)
Winter Springs FL 32708		Water KF: D6304C / E203 (*M)
USA		Water Crackle: In House *M - Modified Method
	0002 v1.9 Exhibit B	
		Page 2 of 2

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UIN 071E799



Page 2 of 2



UIN 071D7AD

D	esel Engine
Unit No.	317
Unit:	
Make	MCI
Model	D4505
Serial No.	
Site	
Compartment:	
Name	Diesel Engine
Make	
Model	
Serial No.	
Capacity:	0.0 Ltrs
	0.0 L03

Customer:

TRANSIT RESOURCE CENTER 5840 Red Bug Lake Rd Ste 165 Winter Springs FL 32708 USA

DIAGNOSIS

All wear rates normal. Abrasive and other contaminant levels are acceptable. Viscosity within specified operating range. Action: Resample next recommended service interval to further monitor.

DATE SAMPLED		24-Mar-19	23-Mar-19
DATE RECEIVED		04-Apr-19	04-Apr-19
DATE REPORTED		05-Apr-19	05-Apr-19
LAB NO.		41022166141	41022166147
SIF NO.		35424206	35424202
TIME ON UNIT			
TIME ON OIL			
		Chevron	Chevron
OIL TYPE OIL GRADE		Delo 400 LE SAE 15W40	Delo 400 LE SAE 15W40
OIL ADDED	Ltrs		
FILTER	200	Not Applicable	
OIL CHANGED			
WO NUMBER			
Metals (ppm)			
Iron (Fe)		5	4
Chromium (Cr)		<1	<1
Lead (Pb)		<1	<1
Copper (Cu)		<1	<1
Tin (Sn)		<1	<1
Aluminium (Al)		2	2
Nickel (Ni)		<1	<1
Silver (Ag)		<1	<1
Titanium (Ti)		<1	<1
Vanadium (V)		<1	<1
Contaminants (ppm))		
Silicon (Si)		7	6
Sodium (Na)		2	2
Potassium (K)		<1	<1
Additives (ppm)			
Magnesium (Mg)		374	397
Calcium (Ca)		1466	1505
Barium (Ba)		<1	<1
Phosphorus (P)		977	1021
Zinc (Zn)		1165	1210
Molybdenum (Mo)		90	90
Boron (B)		400	449
Contaminants			
Water (%)		<0.05	<0.05
Coolant		No	No
Physical Tests			
Viscosity (cSt 1000	C)	13.9	14.0
Fuel (%)		<1	<1
PQ Index		<10	<10
Soot (%) Infrared		0.4	0.3
		\sim	\sim

ANALYST: Susan.Stapleton



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UIN 071D7AD

Chromium (Cr) Iron (Fe)		U.S. Laboratories Atlanta, Georgia - 420 3121 Presidential Drive Atlanta, GA 30340 800.394.3669 Kansas City, Kansas - 430 935 Sunshine Road Kansas City, K6 66115 800.332.8055 Phoenix, Arizona - 440 3319 West Earll Drive Phoenix, Az 85017 800.445.7930 Portland, Oregon - 401 4943 NW Front Avenue Portland, OR 97210 800.770.4128 Canadian Laboratories
Copper (Cu) Lead (Pb) ···· Tin (Sn)		Burlington, Ontario - 450 Edmonton, Alberta - 402 5036 South Service Rd. Burlington, ON L7L5Y73 10717-176 Street Edmonton, AB T55 1K1 888.489.0057 Sales & Marketing Houston, Texas 10450 Stancliff Road, Suite 210 Houston, TX 77099 877.835.8437 International Locations Australia
Aluminium (Al) Silicon (Si) Sodium (Na)	Filter Image Filter patch test is not performed Contact laboratory for more information	Brisbane, Perth, Sydney, Muswellbrook South America Santiago de Chile, Belo Horizonte, Brazil New Zealand Wellington New Zealand Wellington Southeast Asia Kuala Lumpur, Singapore Prague FEST METHODS: Acid Number: ASTM D974/D664 (*M) Base Number: ASTM D4739 (*M) Base Number: ASTM D4739 (*M) Base Number: ASTM D4739 (*M) Fuel Dilution by GC: ASTM D7593 Fuel Dilution Visc/Setaflash In House Fuel Cast ATD (*D) South ASTM D7596 (*M)
Since services are based on samples and information supplied by others, and services are rendered without any warranty or liability of any kind beyond the a recommendations are based on interpretations of the generated test results at tested at other ALS laboratories within the Tribology divisional network. Transit Resource Center Attn: Robin Thompson 5840 Red Bug Lake Rd Ste 165 Winter Springs FL 32708 USA	ctual amount paid to ALS Tribology for the services. Reported	Fuel Soot ATR/IR: ASTM D7686 (*M) Soot by FTIR: ASTM D7844 Glycol: In House Metals by ICP AES: ASTM D5185 (*M) Ox, NOx, SOx, FTIR: ASTM D7418/D7414/D7415 D7624 PQ Index: PQ Index: ASTM D8120 (*M) Particle Count: ASTM D7647 (*M) / ISO 4406 Viscosity: ASTM D445 (*M) / D7279 (*M) Water KF: D6304C / E203 (*M) Water Crackle: In House *M - Modified Method

ALS	

UIN 071E788

	Diesel Engine
Unit No.	318
Unit:	
Make	MCI
Model	D4505
Serial No.	
Site	VCTC
Compartment	
Name	Diesel Engine
Make	
Model	
Serial No.	
Capacity:	

Customer:

TRANSIT RESOURCE CENTER 5840 Red Bug Lake Rd Ste 165 Winter Springs FL 32708 USA

DIAGNOSIS

All engine wear rates normal. Silicon appears to be from source other than dirt, and not creating abrasive wear within system. Water content acceptable. Viscosity within specified operating range. Action: Resample next recommended service interval to further monitor.

DATE SAMPLED		23-Mar-19	
DATE RECEIVED		04-Apr-19	
DATE REPORTED		05-Apr-19	
LAB NO.		41022166187	
SIF NO.		35424196	
TIME ON UNIT	Hrs	00121100	
TIME ON OIL	Hrs		
OIL BRAND		Chevron	
OIL TYPE		Delo 400 LE	
OIL GRADE OIL ADDED		SAE 15W40	
FILTER	Hrs		
OIL CHANGED			
WO NUMBER			
Metals (ppm)			
Iron (Fe)		6	
Chromium (Cr)		<1	
Lead (Pb)		<1	
Copper (Cu)		<1	
Tin (Sn)		<1	
Aluminium (Al)		3	
Nickel (Ni)		<1	
Silver (Ag)		<1	
Titanium (Ti)		<1	
Vanadium (V)		<1	
Contaminants (ppm)			
Silicon (Si)		20	
Sodium (Na)		2	
Potassium (K)		<1	
Additives (ppm)		405	
Magnesium (Mg) Calcium (Ca)		405 1548	
Barium (Ba)		<1	
Phosphorus (P)		1028	
Zinc (Zn)		1242	
Molybdenum (Mo)		94	
Boron (B)		402	
Contaminants		402	
Water (%)		<0.05	
Coolant		No	
Physical Tests			
Viscosity (cSt 100C)	14.1	
Fuel (%)		<1	
PQ Index		<10	
Soot (%) Infrared		0.4	

ANALYST: Susan.Stapleton



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Exhibit B

Chromium (Cr) Iron (Fe)	Viscosity (cSt 100C) Soot (%) Infrared 0.5 0.4 0.3 % 0.2 0 0.1 0.1 0.2 0.1 0.2 0.1 0.3	U.S. Laboratories Atlanta, Georgia - 420 3121 Presidential Drive Atlanta, GA 30340 300.394.3669 Stansas City, Kansas - 430 935 Sunshine Road 935 Sunshine Road Stansas City, KS 66115 800.332.8055 Portland, Oregon - 401 4943 NW Front Avenue Portland, OR 97210 800.770.4128 Canadian Laboratories	
Copper (Cu) Lead (Pb) Tin (Sn)		Burlington, Ontario - 450 S036 South Service Rd. Burlington, ON L7L5Y73 905 332 9559 Sales & Marketing Houston, Texas 10450 Stancliff Road, Suite 210 Houston, TX 77099 877.835.8437 International Locations Australia	
Aluminium (Al) Silicon (Si) Sodium (Na)	Brisbane, Perth, Sydney, Muswellbrook South America Santiago de Chile, Belo Horizonte, Brazil New Zealand Wellington Southeast Asia Kuala Lumpur, Singapore Prague FEST METHODS: Acid Number: ASTM D974/D664 (*M) Base Number: ASTM D4739 (*M) Base Number (Perchloric): ASTM D4739 (*M) Base Number (Perchloric): ASTM D2896 (*M) Fuel Dilution by GC: ASTM D7593 Fuel Dilution Visc/Setaflash In House Fuel Soot ATR/R: ASTM D7686 (*M)		
Since services are based on samples and information supplied by others, and since corrective actions, if any, are necessarily taken by others, these services are rendered without any warranty or liability of any kind beyond the actual amount paid to ALS Tribology for the services. Reported method to ALS Tribology for the services. Reported test results and historical data. Certain test results appearing in this report may have been tested at other ALS laboratories within the Tribology divisional network. Transit Resource Center Attn: Robin Thompson 5840 Red Bug Lake Rd Ste 165 Winter Springs FL 32708 USA			

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UIN 071E788





D	iesel Engine
Unit No.	319
Unit:	
Make	
Model	
Serial No.	
Site	
Compartment:	
Name	Diesel Engine
Make	MCI
Model	102
Serial No.	
Capacity:	

Customer:

TRANSIT RESOURCE CENTER 5840 Red Bug Lake Rd Ste 165 Winter Springs FL 32708

USA

DIAGNOSIS

All engine wear rates normal. Silicon appears to be from source other than dirt, and not creating abrasive wear within system. Water content acceptable. Viscosity within specified operating range. Action: Resample next recommended service interval to further monitor.

DATE SAMPLED		24-Mar-19	17-Apr-11	
DATE RECEIVED		04-Apr-19	30-Apr-11	
DATE REPORTED		05-Apr-19	03-May-11	
LAB NO.		41022166142	41020235010	
SIF NO.		35424204	10425892	
TIME ON UNIT	Hrs			
TIME ON OIL	Hrs			
		Petro Canada	Petro Canada	
OIL TYPE OIL GRADE		Duron HP SAE 15W40	Duron-E SAE 15W40	
OIL ADDED		SAE 15W40	SAE 15040	
FILTER	Hrs	Not Applicable		
OIL CHANGED			Not Changed	
WO NUMBER				
Metals (ppm)				
Iron (Fe)		2	7	
Chromium (Cr)		<1	1	
Lead (Pb)		<1	1	
Copper (Cu)		<1	1	
Tin (Sn)		<1	<1	
Aluminium (AI)		2	1	
Nickel (Ni)		<1	<1	
Silver (Ag)		<1	<1	
Titanium (Ti)		<1	<1	
Vanadium (V)		<1	<1	
Contaminants (ppm)				
Silicon (Si)		24	<1	
Sodium (Na)		1	4	
Potassium (K)		<1	8	
Additives (ppm)				
Magnesium (Mg)		406	26	
Calcium (Ca)		1575	2455	
Barium (Ba)		<1	<1	
Phosphorus (P)		1085	1046	
Zinc (Zn)		1290	1103	
Molybdenum (Mo)		93	3	
Boron (B)		512	6	
Contaminants				
Water (%)		<0.05	<0.05	
Coolant		No	No	
Physical Tests				
Viscosity (cSt 100C)	14.9	12.4	
Fuel (%)		<1	<1	
PQ Index		<10		
Soot (%) Infrared		0.2	1.3	

ANALYST: Susan.Stapleton



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UIN 02811BA

Chromium (Cr) Iron (Fe)	- Viscosity (cSt 100C) Soot (%) Infrared 14 12 10 14 1.2 1 0.8 0.6 0.4 0.2 0 17/04/2011 24/03/2019	U.S. Laboratories Atlanta, Georgia - 420 3121 Presidential Drive Atlanta, GA 30340 800.394.3669 Kansas City, Kansas - 430 935 Sunshine Road Kansas City, K5 66115 800.332.8055 Portland, Oregon - 401 4943 NW Front Avenue Portland, OR 97210 800.770.4128 Canadian Laboratories Pude Albarta 400	
Copper (Cu) Lead (Pb) Tin (Sn)		Burlington, Ontario - 450 Edmonton, Alberta - 402 5036 South Service Rd. Burlington, ON L7L5Y73 Edmonton, AB T5S 1K1 905 332 9559 Sales & Marketing Houston, Texas 10450 Stancliff Road, Suite 210 Houston, TX 77099 877.835.8437 International Locations Australia	
Aluminium (Al) Silicon (Si) Sodium (Na)	Filter Image Filter patch test is not performed Contact laboratory for more information	Brisbane, Perth, Sydney, Muswellbrook South America Santiago de Chile, Belo Horizonte, Brazil New Zealand Wellington TEST METHODS: Acid Number: Acid Number: ASTM D974/D664 (*M) Base Number: ASTM D4739 (*M) Base Number (Perchloric): ASTM D2896 (*M) Fuel Dilution by GC: ASTM D7593 Fuel Dilution Visc/Setaflash In House	
Since services are based on samples and information supplied by others, and services are rendered without any warranty or liability of any kind beyond the a recommendations are based on interpretations of the generated test results at tested at other ALS laboratories within the Tribology divisional network. Transit Resource Center Attn: Robin Thompson 5840 Red Bug Lake Rd Ste 165 Winter Springs FL 32708 USA	ctual amount paid to ALS Tribology for the services. Reported	J Fuel Soot ATR/IR: ASTM D7686 (*M) Soot by FTIR: ASTM D7844 Glycol: In House Metals by ICP AES: ASTM D5185 (*M) Ox, NOx, SOx, FTIR: ASTM D7418/D7414/D7415 D7624 PQ Index: ASTM D8120 (*M) Particle Count: ASTM D7647 (*M) / ISO 4406 Viscosity: ASTM D445 (*M) / D7279 (*M) Water KF: D6304C / E203 (*M) Water Crackle: In House *M - Modified Method	



UIN 035BD5C

D	iesel Engine
Unit No.	320
Unit:	
Make	MCI
Model	
Serial No.	
Site	
Compartment:	
Name	Diesel Engine
Make	
Model	
Serial No.	
Capacity:	
Customer	

Customer:

TRANSIT RESOURCE CENTER 5840 Red Bug Lake Rd Ste 165 Winter Springs FL 32708 USA

DIAGNOSIS

All wear rates normal. Abrasive and other contaminant levels are acceptable. Viscosity within specified operating range. Action: Resample next recommended service interval to further monitor.

DATE SAMPLED		23-Mar-19	06-Oct-16	09-Oct-13	11-Aug-13	
DATE RECEIVED		04-Apr-19	28-Oct-16	25-Oct-13	29-Aug-13	
DATE REPORTED		05-Apr-19	01-Nov-16	28-Oct-13	30-Aug-13	
LAB NO.		41022166188	41021546914	41020822851	41020780774	
SIF NO.		35424192	31188024	14311342	13985694	
TIME ON UNIT	Hrs					
TIME ON OIL	Hrs					
		Chevron	Petro Canada	Citgo	Petro Canada	
OIL TYPE OIL GRADE		Delo 400 LE SAE 15W40	Duron-E SAE 15W40	Unidentified SAE 15W40	Duron-E SAE 15W40	
OIL ADDED		0AL 13W40	5AL 151140	5AL 15W40	OAL 10WHO	
FILTER	Hrs					
OIL CHANGED				Not Changed	Not Changed	
WO NUMBER						
Metals (ppm)						
Iron (Fe)		5	20	12	19	
Chromium (Cr)		<1	<1	<1	<1	
Lead (Pb)		<1	3	2	<1	
Copper (Cu)		<1	24	3	<1	
Tin (Sn)		<1	2	<1	<1	
Aluminium (Al)		3	3	6	3	
Nickel (Ni)		<1	<1	<1	<1	
Silver (Ag)		<1	<1	<1	<1	
Titanium (Ti)		<1	<1	<1	<1	
Vanadium (V)		<1	<1	<1	<1	
Contaminants (ppm)						
Silicon (Si)		7	5	4	<1	
Sodium (Na)		2	11	22	<1	
Potassium (K)		<1	<1	<5	<5	
Additives (ppm)						
Magnesium (Mg)		401	72	20	106	
Calcium (Ca)		1529	2376	2374	2477	
Barium (Ba)		<1	<1	<1	<1	
Phosphorus (P)		1023	997	1045	1193	
Zinc (Zn)		1230	1181	1144	1317	
Molybdenum (Mo)		93	9	10	5	
Boron (B)		408	43	11	14	
Contaminants						
Water (%)		<0.05	<0.05	<0.05	<0.05	
Coolant		No	No	No	No	
Physical Tests	、					
Viscosity (cSt 100C)	13.8	13.4	12.6	14.4	
Fuel (%)		<1	<1	1	<1	
PQ Index		<10	<10	<10	<10	
Soot (%) Infrared		0.3	0.2	0.6	1.7	
		-	-	-	-	

ANALYST: Susan.Stapleton



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UIN 035BD5C

Chromium (Cr) Iron (Fe) 25 20 15 10 5 0 09/10/2013 11/08/2013 06/10/2016	- Viscosity (cSt 100C) Soot (%) Infrared $ \begin{array}{c} $	U.S. Laboratories Atlanta, Georgia - 420 3121 Presidential Drive Atlanta, GA 30340 800.394.3669 Kansas City, Kansas - 430 935 Sunshine Road Kansas City, K5 66115 800.332.8055 Portland, Oregon - 401 4943 NW Front Avenue Portland, OR 97210 800.770.4128 Canadian Laboratories Burlington Octobic Content of Co
Copper (Cu) Lead (Pb) ···· Tin (Sn)		Burlington, Ontario - 450 Edmonton, Alberta - 402 5036 South Service Rd. Burlington, ON L7L5Y73 905 332 9559 Sales & Marketing Houston, Texas 10450 Stancliff Road, Suite 210 Houston, TX 77099 877.835.8437 International Locations Australia
	Filter Image Filter patch test is not performed Contact laboratory for more information	Brisbane, Perth, Sydney, Muswellbrook South America Santiago de Chile, Belo Horizonte, Brazil New Zealand Wellington Southeast Asia Europe Prague TEST METHODS: Acid Number: ASTM D974/D664 (*M) Base Number: ASTM D4739 (*M) Base Number (Perchloric): ASTM D2896 (*M) Fuel Dilution by GC: ASTM D7593 Fuel Dilution Visc/Setaflash In House South D7504 (*M)
Since services are based on samples and information supplied by others, and s services are rendered without any warranty or liability of any kind beyond the ar recommendations are based on interpretations of the generated test results and tested at other ALS laboratories within the Tribology divisional network. Transit Resource Center Attn: Robin Thompson 5840 Red Bug Lake Rd Ste 165 Winter Springs FL 32708 USA	ctual amount paid to ALS Tribology for the services. Reported	Fuel Soot ATR/IR: ASTM D7686 (*M) Soot by FTIR: ASTM D7844 Glycol: In House Metals by ICP AES: ASTM D5185 (*M) Ox, NOx, SOx, FTIR: ASTM D7418/D7414/D7415 D7624 PQ Index: Particle Count: ASTM D7647 (*M) / ISO 4406 Viscosity: ASTM D445 (*M) / D7279 (*M) Water KF: D6304C / E203 (*M) Water Crackle: In House



UIN 01A309B

D	iesel Engine
Unit No.	321
Unit:	
Make	MCI
Model	
Serial No.	
Site	
Compartment:	
Name	Diesel Engine
Make	
Model	
Serial No.	
Capacity:	
Customer:	

TRANSIT RESOURCE CENTER

5840 Red Bug Lake Rd Ste 165 Winter Springs FL 32708 USA

DIAGNOSIS

All wear rates normal. Abrasive and other contaminant levels are acceptable. Viscosity within specified operating range. Action: Resample next recommended service interval to further monitor.

DATE SAMPLED		23-Mar-19	11-Oct-12	15-Oct-09	22-Feb-09	10-Nov-08	
DATE RECEIVED		04-Apr-19	31-Oct-12	19-Oct-09	27-Feb-09	17-Nov-08	
DATE REPORTED		05-Apr-19	01-Nov-12	20-Oct-09	02-Mar-09	18-Nov-08	
LAB NO.		41022166189	41020582542	41009177545	41009032418	41008220682	
SIF NO.		35424190	12606438	92274060007	92129350013	82068700005	
TIME ON UNIT	Hrs	00121100	12000100	0227 1000001	02.200000.0	02000100000	
TIME ON OIL	Hrs						
OIL BRAND		Chevron	Citgo	Unidentified	Unidentified	Unidentified	
OIL TYPE		Delo 400 LE	Unidentified	Unidentified	Unidentified	Unidentified	
OIL GRADE		SAE 15W40	SAE 15W40	SAE 15W40	SAE 15W40	SAE 15W40	
FILTER	Hrs		Net Ober and	Net Descripted	Net Descride d	Net Descrided	
OIL CHANGED WO NUMBER			Not Changed	Not Provided	Not Provided	Not Provided	
Metals (ppm)			47			10	
Iron (Fe)		3	17	28	9	18	
Chromium (Cr)		<1	<1	2	1	1	
Lead (Pb)		<1	3	2	1	<1	
Copper (Cu)		<1	5	11	2	2	
Tin (Sn)		<1	<1	<1	<1	<1	
Aluminium (Al)		2	4	3	3	1	
Nickel (Ni)		<1	<1	<1	<1	<1	
Silver (Ag)		<1	<1	<1	<1	<1	
Titanium (Ti)		<1	<1	<1	<1	<1	
Vanadium (V)		<1	<1	<1	<1	<1	
Contaminants (ppm)		••	••		••	••	
Silicon (Si)		6	4	9	1	3	
Sodium (Na)		2	11	9	4	10	
Potassium (K)		<1	<5	<5	<5	<5	
Additives (ppm)			10		10		
Magnesium (Mg)		396	51	275	112	113	
Calcium (Ca)		1536	2267	2471	2487	2516	
Barium (Ba)		<1	<1	<1	<1	<1	
Phosphorus (P)		1060	964	1131	1076	1122	
Zinc (Zn)		1256	1085	1268	1239	1160	
Molybdenum (Mo)		92	8	1200	5	5	
• • • •		92 481	ہ <5	18	5 <5	5 <5	
Boron (B)		481	<0	13	<0	<0	
Contaminants Water (%)		<0.05	<0.05	<0.05	<0.05	<0.05	
Coolant		<0.05 No	<0.05 No	<0.05 No	<0.05 No	<0.05 No	
		INU	INU	INU	INU	INU	
Physical Tests	`	14.5	12.9	14.0	11 7	12.9	
Viscosity (cSt 100C))	14.5	12.8	14.9	11.7	12.8	
Fuel (%)		<1	1	<1	<1	<1	
PQ Index		<10	<10				
Soot (%) Infrared		0.2	0.6	0.6	0.3	1.4	

ANALYST: Susan.Stapleton



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UIN 01A309B

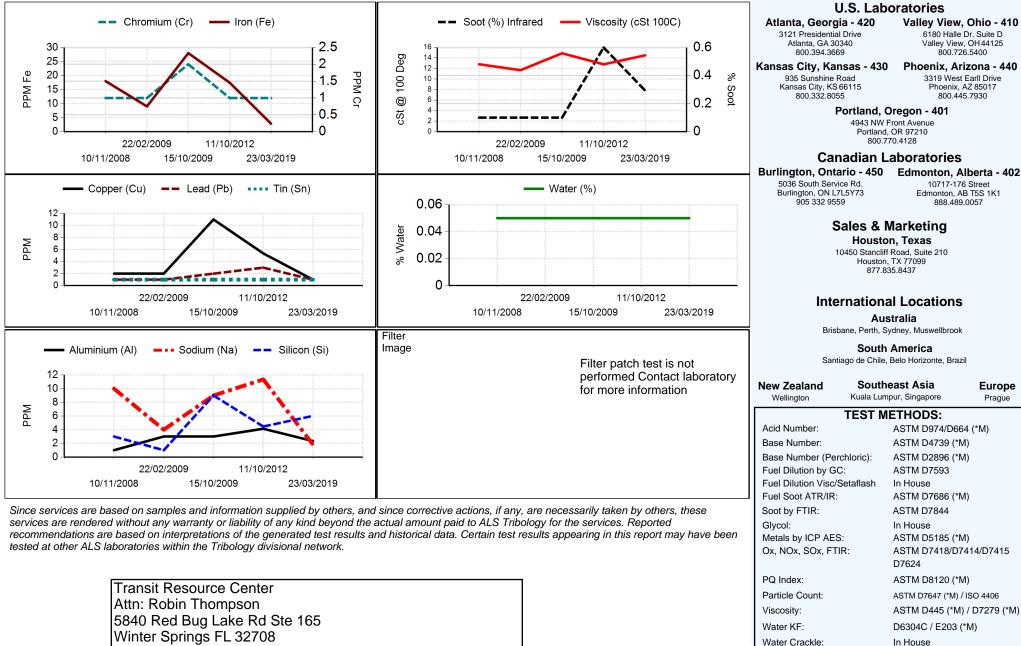


Exhibit B

0002 v1.9

*M - Modified Method

Europe

Prague



UIN 01A3172

D	esel Engine
Unit No.	322
Unit:	
Make	MCI
Model	
Serial No.	
Site	
Compartment:	
Name	Diesel Engine
Make	Detroit Diesel
Model	Series 60
Serial No.	
Capacity:	
Customory	

Customer:

TRANSIT RESOURCE CENTER 5840 Red Bug Lake Rd Ste 165 Winter Springs FL 32708 USA

DIAGNOSIS

All wear rates normal. Abrasive and other contaminant levels are acceptable. Viscosity within specified operating range. Action: Resample next recommended service interval to further monitor.

DATE SAMPLED		23-Mar-19	04-Oct-17	05-Dec-15	10-Aug-14	06-Oct-10	15-Sep-08
DATE RECEIVED		04-Apr-19	18-Oct-17	21-Dec-15	17-Sep-14	14-Oct-10	24-Sep-08
DATE REPORTED		05-Apr-19	24-Oct-17	22-Dec-15	19-Sep-14	19-Oct-10	24-Sep-08
LAB NO.		41022166190	41021789852	41021341094	41021039122	41020118204	41008181264
SIF NO.		34557419	32939577	20161837	15408478	102520650027	82016710022
TIME ON UNIT	Hrs						
TIME ON OIL	Hrs						
		Chevron	Gulf	Petro Canada	Petro Canada	Citgo	Citgo
OIL TYPE OIL GRADE		Delo 400 LE SAE 15W40	Unidentified SAE 15W40	Duron-E SAE 15W40	Duron-E SAE 15W40	Unidentified SAE 15W40	Unidentified SAE 15W40
OIL ADDED		UNE 10W40	ONE TOWHO	ONE 10W40	ONE TOWAG	ONE TOWFO	0/12 10/140
FILTER	Hrs						
OIL CHANGED					Not Changed	Not Changed	Not Provided
WO NUMBER							
Metals (ppm)							
Iron (Fe)		2	23	10	19	5	36
Chromium (Cr)		<1	2	<1	<1	<1	2
Lead (Pb)		<1	2	<1	<1	1	6
Copper (Cu)		<1	4	2	2	1	18
Tin (Sn)		<1	2	2	<1	<1	<1
Aluminium (Al)		2	3	3	2	2	8
Nickel (Ni)		<1	1	<1	<1	<1	<1
Silver (Ag)		<1	<1	<1	3	<1	<1
Titanium (Ti)		<1	4	9	5	<1	<1
Vanadium (V)		<1	<1	<1	<1	1	<1
Contaminants (ppm)		_			_		
Silicon (Si)		7	11	4	2	1	11
Sodium (Na)		<1	31	4	2	24	15
Potassium (K)		<1	2	<1	<5	<5	<5
Additives (ppm)		396	790	126	80	30	851
Magnesium (Mg)		1537	1523	2594	1994	1901	1677
Calcium (Ca)		<1	<1	2094 <1	1994 <1	<1	<1
Barium (Ba) Phosphorus (P)		<1 1069	1095	1066	<1 906	<1 1107	1181
Zinc (Zn)		1284	1310	1238	1036	1015	1383
Molybdenum (Mo)		92	55	1238	4	9	46
Boron (B)		92 495	23	21	4 13	9 <5	40 <5
Contaminants		495	23	21	15	<5	<5
Water (%)		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Coolant		No	No	No	No	No	No
Physical Tests							
Viscosity (cSt 100C))	15.2	13.2	13.6	14.0	13.0	13.0
Fuel (%)		<1	<1	<1	<1	<1	<1
PQ Index		<10	<10	<10	<10		
Soot (%) Infrared		0.2	0.1	1.2	1.6	0.3	0.6
		-	-	-	-	-	

ANALYST: Susan.Stapleton



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Exhibit B



UIN 01A3172

Chromium (Cr) Iron (Fe) 40 40 40 20 10 0 06/10/2010 05/12/2015 23/03/2019 15/09/2008 10/08/2014 04/10/2017	Soot (%) Infrared Viscosity (cSt 100C) 20 15 10 10 15 10 10 15 10 10 10 10 10 10 10 10 10 10	U.S. Laboratories Atlanta, Georgia - 420 3121 Presidential Drive Atlanta, GA 30340 800.394.3669 Stansas City, Kansas - 430 935 Sunshine Road Mansas City, KS 66115 800.332.8055 Phoenix, Az 85017 800.445.7930 Portland, Oregon - 401 4943 NW Front Avenue Portland, OR 97210 800.770.4128 Canadian Laboratories Burlington, Ontario - 450 Edmonton, Alberta - 402
- Copper (Cu) Lead (Pb) Tin (Sn)		5036 South Service Rd. Burlington, ON L7L5Y73 905 332 9559 Sales & Marketing Houston, Texas 10450 Stancliff Road, Suite 210 Houston, TX 77099 877.835.8437 International Locations Australia Brisbane, Perth, Sydney, Muswellbrook
Aluminium (Al) Sodium (Na) Silicon (Si)	Filter Image Filter patch test is not performed Contact laboratory for more information	South America Santiago de Chile, Belo Horizonte, Brazil New Zealand Wellington Southeast Asia Kuala Lumpur, Singapore Europe Prague TEST METHODS: ACid Number: ASTM D974/D664 (*M) Base Number: ASTM D4739 (*M) Base Number (Perchloric): ASTM D2896 (*M) Fuel Dilution by GC: ASTM D7593 Fuel Dilution Visc/Setaflash In House
Since services are based on samples and information supplied by others, a services are rendered without any warranty or liability of any kind beyond the recommendations are based on interpretations of the generated test results tested at other ALS laboratories within the Tribology divisional network.		Fuel Soot ATR/IR: ASTM D7686 (*M) Soot by FTIR: ASTM D7844 Glycol: In House Metals by ICP AES: ASTM D5185 (*M) Ox, NOx, SOx, FTIR: ASTM D7418/D7414/D7415 D7624 PQ Index: Particle Count: ASTM D7647 (*M) / ISO 4406 Viscosity: ASTM D445 (*M) Water KF: D6304C / E203 (*M) Water Crackle: In House

ALS	
(ALS)	

UIN 071E77F

I	Diesel Engine
Unit No.	323
Unit:	
Make	MCI
Model	D4505
Serial No.	
Site	VCTC
Compartment Name Make	: Diesel Engine
Model	
Serial No.	
Capacity:	

Customer:

TRANSIT RESOURCE CENTER 5840 Red Bug Lake Rd Ste 165 Winter Springs FL 32708 USA

DIAGNOSIS

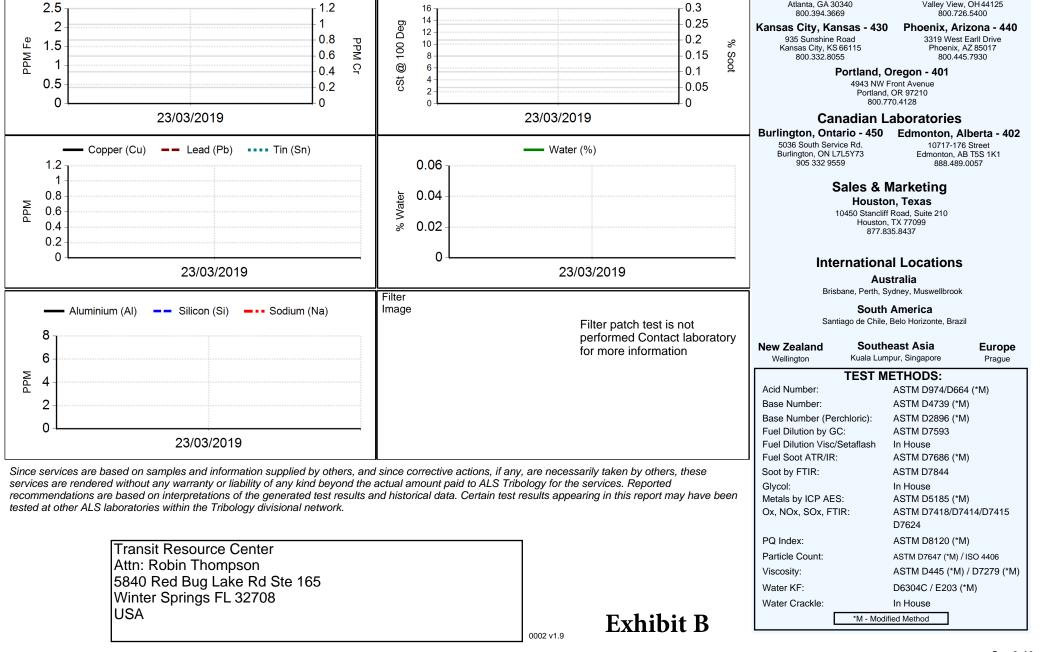
All wear rates normal. Abrasive and other contaminant levels are acceptable. Viscosity within specified operating range. Action: Resample next recommended service interval to further monitor.

DATE SAMPLED		23-Mar-19
DATE RECEIVED		04-Apr-19
DATE REPORTED		05-Apr-19
LAB NO.		41022166191
SIF NO.		35424200
TIME ON UNIT	Hrs	
TIME ON OIL	Hrs	
		Chevron
OIL TYPE OIL GRADE		Delo 400 LE SAE 15W40
OIL ADDED		3AL 13W40
FILTER	Hrs	
OIL CHANGED		
WO NUMBER		
Metals (ppm)		
Iron (Fe)		2
Chromium (Cr)		<1
Lead (Pb)		<1
Copper (Cu)		<1
Tin (Sn)		<1
Aluminium (Al)		2
Nickel (Ni)		<1
Silver (Ag)		<1
Titanium (Ti)		<1
Vanadium (V)		<1
Contaminants (ppm)		
Silicon (Si)		6
Sodium (Na)		2
Potassium (K)		<1
Additives (ppm)		202
Magnesium (Mg)		393
Calcium (Ca)		1520
Barium (Ba)		<1
Phosphorus (P)		1050
Zinc (Zn)		1246
Molybdenum (Mo)		92
Boron (B)		483
Contaminants Water (%)		<0.05
Coolant		<0.05 No
Physical Tests		
Viscosity (cSt 100C)	14.8
Fuel (%)	,	<1
PQ Index		<10
Soot (%) Infrared		0.2

ANALYST: Susan.Stapleton



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Viscosity (cSt 100C)

-- Soot (%) Infrared

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UIN 071E77F

Atlanta, Georgia - 420

3121 Presidential Drive

Atlanta, GA 30340

U.S. Laboratories

Valley View, Ohio - 410

6180 Halle Dr. Suite D

Valley View, OH 44125



-- Chromium (Cr)

Iron (Fe)

(ALS)

UIN 071E79D

	Diesel Engine
Unit No.	324
Unit:	
Make	MCI
Model	D4505
Serial No.	
Site	VCTC
Compartmer	nt:
Name	Diesel Engine
Make	
Model	
Serial No.	
Capacity:	

Customer:

TRANSIT RESOURCE CENTER 5840 Red Bug Lake Rd Ste 165 Winter Springs FL 32708 USA

DIAGNOSIS

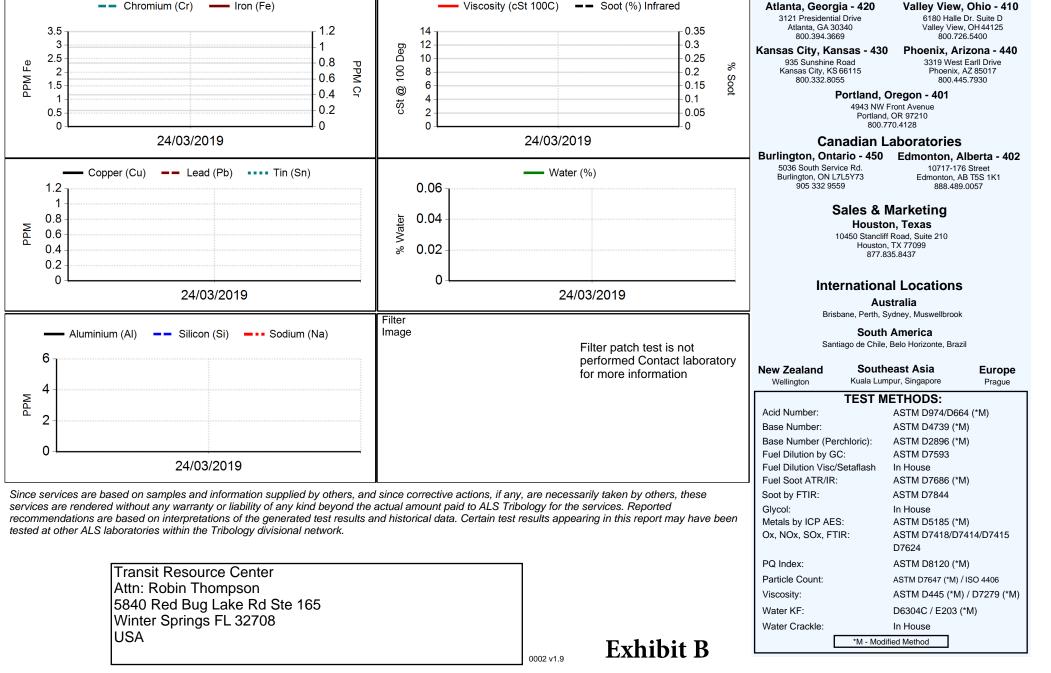
All wear levels appear within acceptable limits for first sample. Silicon level (dirt/sealant material) satisfactory. Water content acceptable. Fuel dilution satisfactory. Viscosity within specified operating range. Action: Resample at next recommended interval to monitor and establish wear trend.

DATE SAMPLED		24-Mar-19	
DATE RECEIVED		04-Apr-19	
DATE REPORTED		05-Apr-19	
LAB NO.		41022166192	
SIF NO.		35424208	
TIME ON UNIT	Hrs		
TIME ON OIL	Hrs		
OIL BRAND		Chevron	
OIL TYPE OIL GRADE		Delo 400 LE SAE 15W40	
OIL GRADE		SAE 150040	
FILTER	Hrs		
OIL CHANGED			
WO NUMBER			
Metals (ppm)			
Iron (Fe)		3	
Chromium (Cr)		<1	
Lead (Pb)		<1	
Copper (Cu)		<1	
Tin (Sn)		<1	
Aluminium (Al)		2	
Nickel (Ni)		<1	
Silver (Ag)		<1	
Titanium (Ti)		<1	
Vanadium (V)		<1	
Contaminants (ppm) Silicon (Si)		6	
Sodium (Na)		2	
Potassium (K)		<1	
Additives (ppm)			
Magnesium (Mg)		403	
Calcium (Ca)		1537	
Barium (Ba)		<1	
Phosphorus (P)		1052	
Zinc (Zn)		1251	
Molybdenum (Mo)		93	
Boron (B)		459	
Contaminants			
Water (%)		<0.05	
Coolant		No	
Physical Tests	. –		
Viscosity (cSt 100C	:)	13.9	
Fuel (%)		<1	
PQ Index		<10	
Soot (%) Infrared		0.3	

ANALYST: Sam Smith Cleveland



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U.S. Laboratories

UIN 071E79D



ALS	

UIN 071E783

D	iesel Engine
Unit No.	325
Unit:	
Make	MCI
Model	D4505
Serial No.	
Site	VCTC
Compartment: Name Make Model	Diesel Engine
Serial No.	
Capacity:	

Customer:

TRANSIT RESOURCE CENTER 5840 Red Bug Lake Rd Ste 165 Winter Springs FL 32708 USA

DIAGNOSIS

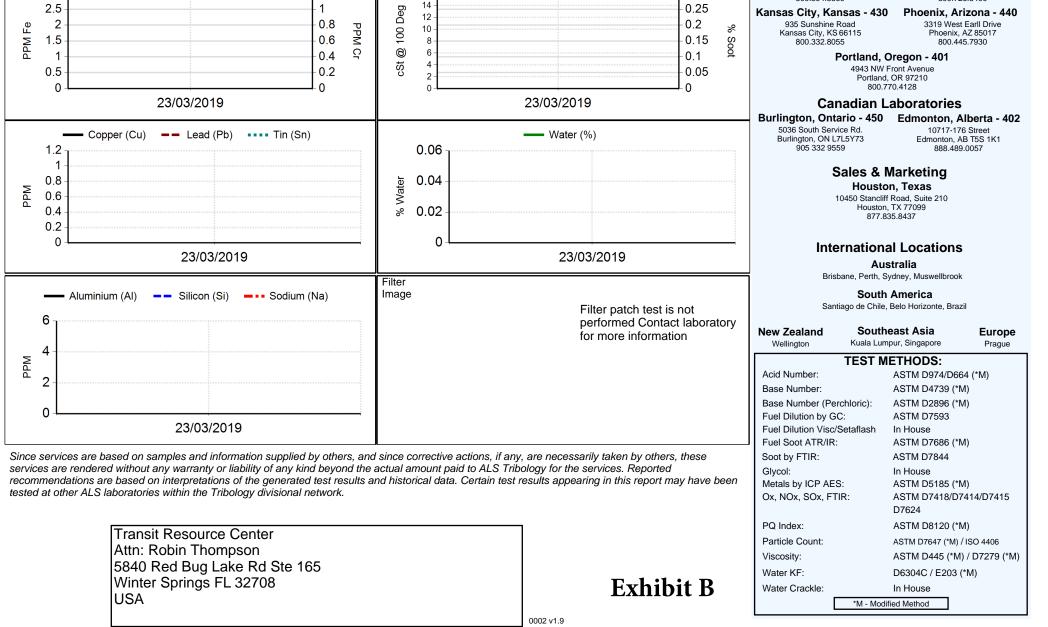
All wear rates normal. Abrasive and other contaminant levels are acceptable. Viscosity within specified operating range. Action: Resample next recommended service interval to further monitor.

DATE SAMPLED		23-Mar-19		
DATE RECEIVED		04-Apr-19		
DATE REPORTED		05-Apr-19	 	
LAB NO.		41022166193		
SIF NO.		35424198		
TIME ON UNIT	Hrs			
TIME ON OIL	Hrs			
		Chevron		
OIL TYPE OIL GRADE		Delo 400 LE SAE 15W40		
OIL ADDED		5AL 15W40		
FILTER	Hrs			
OIL CHANGED				
WO NUMBER				
Metals (ppm)				
Iron (Fe)		3		
Chromium (Cr)		<1		
Lead (Pb)		<1		
Copper (Cu)		<1		
Tin (Sn)		<1		
Aluminium (Al)		2		
Nickel (Ni)		<1		
Silver (Ag)		<1		
Titanium (Ti)		<1		
Vanadium (V)		<1		
Contaminants (ppm)				
Silicon (Si)		6		
Sodium (Na)		1		
Potassium (K)		<1		
Additives (ppm)				
Magnesium (Mg)		400		
Calcium (Ca)		1538		
Barium (Ba)		<1		
Phosphorus (P)		1059		
Zinc (Zn)		1262		
Molybdenum (Mo)		92		
Boron (B)		468		
Contaminants				
Water (%)		<0.05		
Coolant		No		
Physical Tests	`	44.0		
Viscosity (cSt 100C))	14.3		
Fuel (%)		<1		
PQ Index		<10		
Soot (%) Infrared		0.2		

ANALYST: Susan.Stapleton



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Viscosity (cSt 100C)

16

-- Soot (%) Infrared

0.3

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U.S. Laboratories

Valley View, Ohio - 410

6180 Halle Dr. Suite D

Valley View, OH 44125

800.726.5400

UIN 071E783

Atlanta, Georgia - 420

3121 Presidential Drive

Atlanta, GA 30340

800.394.3669



3

Chromium (Cr)

Iron (Fe)

1.2



UIN 01A2FB1

ſ	Diesel Engine
Unit No.	326
Unit:	
Make	Volvo
Model	9700
Serial No.	
Site	Lynx
Compartment	:
Name	Diesel Engine
Make	Detroit Diesel
Model	
Serial No.	
Capacity:	

Customer:

TRANSIT RESOURCE CENTER 5840 Red Bug Lake Rd Ste 165 Winter Springs FL 32708 USA

DIAGNOSIS

All wear rates normal. Abrasive and other contaminant levels are acceptable. Viscosity within specified operating range. Action: Resample next recommended service interval to further monitor.

DATE SAMPLED		24-Mar-19	02-Apr-17	29-Jun-08	
DATE RECEIVED		04-Apr-19	26-Apr-17	09-Jul-08	
DATE REPORTED		05-Apr-19	28-Apr-17	10-Jul-08	
LAB NO.		41022166145	41021664877	41008128112	
SIF NO.		35424205	32005359	81968330022	
TIME ON UNIT	Hrs				
TIME ON OIL	Hrs				
OIL BRAND		Petro Canada	Petro Canada	Mobil	
		Duron HP SAE 15W40	Duron-E SAE 15W40	Unidentified Unknown	
OIL GRADE OIL ADDED		SAE 150040	SAE 150040	UTIKHOWH	
FILTER	Hrs	Not Applicable			
OIL CHANGED				Not Provided	
WO NUMBER					
Metals (ppm)					
Iron (Fe)		43	14	125	
Chromium (Cr)		3	<1	4	
Lead (Pb)		10	<1	3	
Copper (Cu)		14	1	6	
Tin (Sn)		2	<1	5	
Aluminium (Al)		3	1	2	
Nickel (Ni)		4	<1	<1	
Silver (Ag)		<1	<1	1	
Titanium (Ti)		<1	<1	<1	
Vanadium (V)		<1	<1	<1	
Contaminants (ppm)					
Silicon (Si)		8	3	12	
Sodium (Na)		4	2	<1	
Potassium (K)		<1	<1	<5	
Additives (ppm)				-	
Magnesium (Mg)		828	575	218	
Calcium (Ca)		1122	1159	2121	
Barium (Ba)		<1	<1	<1	
Phosphorus (P)		889	774	1088	
Zinc (Zn)		1118	991	1218	
Molybdenum (Mo)		67	43	10	
Boron (B)		10	16	10	
Contaminants		10	10	10	
Water (%)		< 0.05	<0.05	<0.05	
Coolant		No	No	No	
Physical Tests		-	-	-	
Viscosity (cSt 100C	;)	13.5	12.9	16.5	
Fuel (%)	,	<1	1	<1	
PQ Index		<10	<10		
Soot (%) Infrared		0.8	1.6	2.8	
		()		()	

ANALYST: Susan.Stapleton



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UIN 01A2FB1

PPM Fe	Chromium (Cr) Iron (Fe)	- Viscosity (cSt 100C)	Soot (%) Infrared 2 1.5 1 % 0.5 0	4943 NW F Portland,	Valley View, Ohio - 410 6180 Halle Dr. Suite D Valley View, OH 44125 800.726.5400
Mdd	96425 24/03/2019 — Copper (Cu) — Lead (Pb) … Tin (Sn) 14 10 14 10 14 10 14 10 14 10 10 14 10 10 10 10 10 10 10 10 10 10	96425 — Water (%) 0.06 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.02 0.04 0.02 0.04 0.02 0.04 0.02 0.04 0.02 0.02 0.04 0.02 0.0	24/03/2019	10450 Stancliff Houston, 877.83 Internationa	Edmonton, Alberta - 402 10717-176 Street Edmonton, AB TSS 1K1 888.489.0057 Marketing n, Texas Road, Suite 210 TX 77099 85.8437
Wad	Aluminium (Al) Sodium (Na) Silicon (Si)	Filter Image Filt per	er patch test is not formed Contact laboratory more information	Brisbane, Perth, Sy South Santiago de Chile, New Zealand Wellington Kuala Lum TEST Mi Acid Number: Base Number: Base Number: Base Number (Perchloric): Fuel Dilution by GC: Fuel Dilution Visc/Setaflash	titralia vdney, Muswellbrook America Belo Horizonte, Brazil east Asia Europe pur, Singapore Prague ETHODS: ASTM D974/D664 (*M) ASTM D4739 (*M) ASTM D2896 (*M) ASTM D7593 In House
service recom	services are based on samples and information supplied by others, and es are rendered without any warranty or liability of any kind beyond the mendations are based on interpretations of the generated test results a at other ALS laboratories within the Tribology divisional network. Transit Resource Center Attn: Robin Thompson 5840 Red Bug Lake Rd Ste 165	ctual amount paid to ALS Tribology for the ser	vices. Reported	J Fuel Soot ATR/IR: Soot by FTIR: Glycol: Metals by ICP AES: Ox, NOx, SOx, FTIR: PQ Index: Particle Count: Viscosity:	ASTM D7686 (*M) ASTM D7844 In House ASTM D5185 (*M) ASTM D7418/D7414/D7415 D7624 ASTM D8120 (*M) ASTM D7647 (*M) / ISO 4406 ASTM D445 (*M) / D7279 (*M)
	Winter Springs FL 32708 USA	0002 v1.9	Exhibit B	Water KF: Water Crackle:	D6304C / E203 (*M) In House ied Method



UIN 071D7BB

D	esel Engine
Unit No.	981
Unit:	
Make	Volvo
Model	9700
Serial No.	
Site	
Compartment:	
Name	Diesel Engine
Make	
Model	
Serial No.	
Capacity:	0.0 Ltrs
Over terms and	

Customer:

TRANSIT RESOURCE CENTER 5840 Red Bug Lake Rd Ste 165 Winter Springs FL 32708 USA

DIAGNOSIS

All wear levels appear within acceptable limits for first sample. PQ Index number (ferrous material) exceeds tolerance limit. Silicon level (dirt/sealant material) satisfactory. Water content acceptable. Fuel dilution satisfactory. Viscosity within specified operating range. Action: Advise inspect magnetic plug for wear debris and evaluate. Change oil and filter(s) if not already done. Resample at next recommended interval to monitor and establish wear trend.

DATE SAMPLED		24-Mar-19	
DATE RECEIVED		04-Apr-19	
DATE REPORTED		05-Apr-19	
LAB NO.		41022166144	
SIF NO.		35424207	
TIME ON UNIT			
TIME ON OIL		0	
OIL BRAND OIL TYPE		Chevron Delo 400 LE	
OIL GRADE		SAE 15W40	
OIL ADDED	Ltrs	0/12 10W40	
FILTER		Not Applicable	
OIL CHANGED			
WO NUMBER			
Metals (ppm)			
Iron (Fe)		59	
Chromium (Cr)		13	
Lead (Pb)		<1	
Copper (Cu)		<1	
Tin (Sn)		5	
Aluminium (AI)		4	
Nickel (Ni)		9	
Silver (Ag)		<1	
Titanium (Ti)		<1	
Vanadium (V)		<1	
Contaminants (ppm)			
Silicon (Si)		9	
Sodium (Na)		3	
Potassium (K)		<1	
Additives (ppm)			
Magnesium (Mg)		386	
Calcium (Ca)		1533	
Barium (Ba)		<1	
Phosphorus (P)		1027	
Zinc (Zn)		1226	
Molybdenum (Mo)		91	
Boron (B)		366	
Contaminants			
Water (%)		<0.05	
Coolant		No	
Physical Tests		40.4	
Viscosity (cSt 100C))	13.4	
Fuel (%)		1	
PQ Index		34	
Soot (%) Infrared		0.4	
		()	
		\sim	

ANALYST: harold.scarborough



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Chromium (Cr) Iron (Fe)	Viscosity (cSt 100C) Soot (%) Infrared 0.5 0.4 0.3 0.2 0.1 0.1 0 24/03/2019	U.S. Laboratories Atlanta, Georgia - 420 3121 Presidential Drive Atlanta, GA 30340 30.394.3669 935 Sunshine Road Kansas City, KS 66115 800.328.055 Portland, Oregon - 401 4943 NW Front Avenue Portland, OR 97210 800.726.102 Canadian Laboratories
Copper (Cu) Lead (Pb) Tin (Sn)		Burlington, Ontario - 450 Edmonton, Alberta - 402 5036 South Service Rd. Burlington, ON L7L5Y73 10717-176 Street Edmonton, AB T5S 1K1 888.489.0057 Sales & Marketing Houston, Texas 10450 Stancliff Road, Suite 210 Houston, TX 77099 877.835.8437 International Locations Australia
Aluminium (Al) Silicon (Si) Sodium (Na)	Filter Image Filter patch test is not performed Contact laboratory for more information	Brisbane, Perth, Sydney, Muswellbrook South America Santiago de Chile, Belo Horizonte, Brazil New Zealand Wellington New Zealand Wellington Southeast Asia Kuala Lumpur, Singapore Prague FEST METHODS: Acid Number: ASTM D974/D664 (*M) Base Number: ASTM D4739 (*M) Base Number: ASTM D4739 (*M) Base Number (Perchloric): ASTM D4739 (*M) Fuel Dilution by GC: ASTM D7593 Fuel Dilution Visc/Setaflash In House Fuel Data ATM D5000 (M)
Since services are based on samples and information supplied by others, and services are rendered without any warranty or liability of any kind beyond the recommendations are based on interpretations of the generated test results a tested at other ALS laboratories within the Tribology divisional network. Transit Resource Center Attn: Robin Thompson 5840 Red Bug Lake Rd Ste 165 Winter Springs FL 32708 USA		Fuel Soot ATR/IR: ASTM D7686 (*M) Soot by FTIR: ASTM D7844 Glycol: In House Metals by ICP AES: ASTM D5185 (*M) Ox, NOx, SOx, FTIR: ASTM D7418/D7414/D7415 D7624 PQ Index: ASTM D8120 (*M) Particle Count: ASTM D7647 (*M) / ISO 4406 Viscosity: ASTM D445 (*M) / D7279 (*M) Water KF: D6304C / E203 (*M) Water Crackle: In House *M - Modified Method *M - Modified Method

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UIN 071D7BB



Page 2 of 2

(ALS)

UIN 071E7A1

	Diesel Engine
Unit No.	983
Unit:	
Make	Volvo
Model	9700
Serial No.	
Site	VCTC
Compartment	t:
Name	Diesel Engine
Make	
Model	
Serial No.	
Capacity:	

Customer:

TRANSIT RESOURCE CENTER 5840 Red Bug Lake Rd Ste 165 Winter Springs FL 32708 USA

DIAGNOSIS

All wear levels appear within acceptable limits for first sample. Silicon level (dirt/sealant material) satisfactory. Water content acceptable. Fuel dilution satisfactory. Viscosity within specified operating range. Action: Resample at next recommended interval to monitor and establish wear trend.

DATE SAMPLED		24-Mar-19
DATE RECEIVED		04-Apr-19
DATE REPORTED		05-Apr-19
LAB NO.		41022166185
SIF NO.		35424201
TIME ON UNIT	Hrs	
TIME ON OIL	Hrs	Datra Canada
OIL BRAND OIL TYPE		Petro Canada Duron HP
OIL GRADE		SAE 15W40
OIL ADDED		
FILTER	Hrs	
WO NUMBER		
Metals (ppm)		
Iron (Fe)		27
Chromium (Cr)		<1
Lead (Pb)		2
Copper (Cu)		1
Tin (Sn)		<1 6
Aluminium (Al)		б <1
Nickel (Ni)		
Silver (Ag)		<1 <1
Titanium (Ti)		<1 <1
Vanadium (V)		<1
Contaminants (ppm) Silicon (Si)		7
Sodium (Na)		6
Potassium (K)		4
Additives (ppm)		T
Magnesium (Mg)		370
Calcium (Ca)		1550
Barium (Ba)		<1
Phosphorus (P)		1041
Zinc (Zn)		1216
Molybdenum (Mo)		89
Boron (B)		428
Contaminants		-
Water (%)		<0.05
Coolant		No
Physical Tests		
Viscosity (cSt 100C)	14.0
Fuel (%)		<1
PQ Index		<10
Soot (%) Infrared		0.4

ANALYST: Sam Smith Cleveland



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Chromium (Cr) Iron (Fe)		Atlanta, Georgia - 420 Valley View, Ohio - 410 3121 Presidential Drive 6180 Halle Dr. Suite D Atlanta, 6A 30340 Valley View, OH4125 800.394.3669 800.726.5400 Kansas City, Kansas - 430 Phoenix, Arizona - 440 935 Sunshine Road 3319 West Earll Drive Kansas City, KS 66115 Phoenix, AZ 85017 800.332.8055 800.445.7930 Portland, Oregon - 401 4943 NW Front Avenue Portland, OR 97210 800.770.4128 Canadian Laboratories Duration of the state of
Copper (Cu) Lead (Pb) Tin (Sn)		Burlington, Ontario - 450 Edmonton, Alberta - 402 5036 South Service Rd. Burlington, ON L7L5Y73 Edmonton, AB T5S 1K1 905 332 9559 Sales & Marketing Houston, Texas 10450 Stancliff Road, Suite 210 Houston, TX 77099 877.835.8437 International Locations
Aluminium (AI) Silicon (Si) Sodium (Na)	Filter Image Filter patch test is not performed Contact laboratory for more information	Australia Brisbane, Perth, Sydney, Muswellbrook South America Santiago de Chile, Belo Horizonte, Brazil New Zealand Wellington Southeast Asia Kuala Lumpur, Singapore Europe Prague ASTM D974/D664 (*M) Base Number: ASTM D4739 (*M) Base Number (Perchloric): ASTM D2896 (*M) Fuel Dilution by GC: ASTM D7593 Fuel Dilution Visc/Setaflash In House Fuel Soot ATR/IR: ASTM D7686 (*M)
Since services are based on samples and information supplied by others, and services are rendered without any warranty or liability of any kind beyond the recommendations are based on interpretations of the generated test results a tested at other ALS laboratories within the Tribology divisional network. Transit Resource Center Attn: Robin Thompson 5840 Red Bug Lake Rd Ste 165 Winter Springs FL 32708 USA	actual amount paid to ALS Tribology for the services. Reported	Soot by FTIR: ASTM D7000 (M) Soot by FTIR: ASTM D7844 Glycol: In House Metals by ICP AES: ASTM D5185 (*M) Ox, NOx, SOx, FTIR: ASTM D7418/D7414/D7415 D7624 PQ Index: Particle Count: ASTM D7647 (*M) / ISO 4406 Viscosity: ASTM D445 (*M) / D7279 (*M) Water KF: D6304C / E203 (*M) Water Crackle: In House *M - Modified Method

U.S. Laboratories

UIN 071E7A1





UIN 071D7C4

D	iesel Engine
Unit No.	986
Unit:	
Make	Volvo
Model	9700
Serial No.	
Site	
Compartment: Name Make Model Serial No.	Diesel Engine
Capacity:	0.0 Ltrs

Customer:

TRANSIT RESOURCE CENTER 5840 Red Bug Lake Rd Ste 165 Winter Springs FL 32708 USA

DIAGNOSIS

Elevated Nickel indicates possible valve train wear. Elevated Iron level indicates possible crankshaft, camshaft, gear train, cylinder wear, or corrosion. Silicon level (dirt/sealant material) abnormal. Minor fuel dilution occurring. Silicon level (dirt/sealant material) satisfactory. Water content acceptable. Viscosity within specified operating range. Action: Check fuel injection system. Check for lower than typical oil pressure. Change oil and filter(s) if not already done. Resample after corrective action to further monitor.

ANALYST: Eric.Dunlap



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DATE SAMPLED		24-Mar-19		
DATE RECEIVED		04-Apr-19		
DATE REPORTED		09-Apr-19		
LAB NO. SIF NO. TIME ON UNIT		41022166146 35424203		
TIME ON OIL OIL BRAND OIL TYPE OIL GRADE OIL ADDED FILTER OIL CHANGED WO NUMBER	Ltrs	Chevron Delo 400 LE SAE 15W40 Not Applicable		
Metals (ppm)				
Iron (Fe)		66		
Chromium (Cr)		2		
Lead (Pb)		6		
Copper (Cu)		141		
Tin (Sn)		5		
Aluminium (Al)		12 21		
Nickel (Ni)		<1		
Silver (Ag) Titanium (Ti)		<1		
Vanadium (V)		<1		
		<1		
Contaminants (ppm) Silicon (Si)		39		
Sodium (Na)		13		
Potassium (K)		41		
Additives (ppm)		71		
Magnesium (Mg)		496		
Calcium (Ca)		1556		
Barium (Ba)		<1		
Phosphorus (P)		737		
Zinc (Zn)		976		
Molybdenum (Mo)		49		
Boron (B)		48		
Contaminants				
Water (%)		<0.05		
Coolant		No	 	
Physical Tests Viscosity (cSt 100C	.)	12.6		
Fuel (%)	')	3		
PQ Index		<10		
Soot (%) Infrared		<10 0.6		
Sour (%) initiated		0.0		
		STOP		

Chromium (Cr) Iron (Fe)	- Viscosity (cSt 100C) Soot (%) Infrared 0.8 0.6 0.4 0.2 0.2 0 24/03/2019	U.S. Laboratories Atlanta, Georgia - 420 3121 Presidential Drive Atlanta, GA 30340 800.394.3669 935 Sunshine Road Kansas City, KS 66115 800.332.8055 Portland, Oregon - 401 4943 NW Front Avenue Portland, OR 97210 800.770.4128 Canadian Laboratories
Copper (Cu) Lead (Pb) Tin (Sn)		Burlington, Ontario - 450 So36 South Service Rd. Burlington, ON L7LSY7 905 332 9559 Burlington, ON L7LSY7 905 332 9559 Bales & Marketing Houston, Texas 10450 Stancliff Road, Suite 210 Houston, TX 77099 877.835.8437 International Locations Australia
	Filter Image Filter patch test is not performed Contact laboratory for more information	Brisbane, Perth, Sydney, Muswellbrook South America Santiago de Chile, Belo Horizonte, Brazil New Zealand Wellington Southeast Asia Kuala Lumpur, Singapore Prague TEST METHODS: Acid Number: ASTM D974/D664 (*M) Base Number: ASTM D4739 (*M) Base Number (Perchloric): ASTM D2896 (*M) Fuel Dilution by GC: ASTM D7593 Fuel Dilution Visc/Setaflash In House
Since services are based on samples and information supplied by others, and a services are rendered without any warranty or liability of any kind beyond the are recommendations are based on interpretations of the generated test results and tested at other ALS laboratories within the Tribology divisional network.	ctual amount paid to ALS Tribology for the services. Reported	Fuel Soot ATR/IR:ASTM D7686 (*M)Soot by FTIR:ASTM D7844Glycol:In HouseMetals by ICP AES:ASTM D5185 (*M)Ox, NOx, SOx, FTIR:ASTM D7418/D7414/D7415D7624PQ Index:PQ Index:ASTM D7647 (*M) / ISO 4406Viscosity:ASTM D7647 (*M) / ISO 4406Viscosity:D6304C / E203 (*M)Water KF:D6304C / E203 (*M)Water Crackle:In House*M - Modified Method

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UIN 071D7C4





UIN 071D7B6

C	Diesel Engine
Unit No.	988
Unit:	
Make	Volvo
Model	9700
Serial No.	
Site	
Compartment:	
Name	Diesel Engine
Make	
Model	
Serial No.	
Capacity:	0.0 Ltrs

Customer:

TRANSIT RESOURCE CENTER 5840 Red Bug Lake Rd Ste 165 Winter Springs FL 32708 USA

DIAGNOSIS

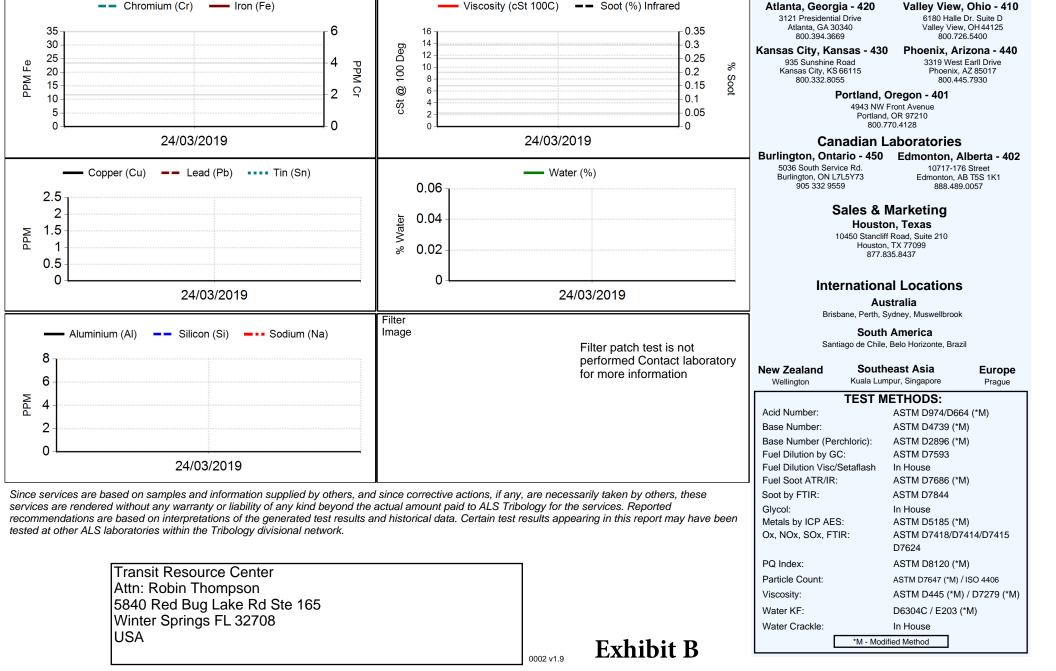
All wear levels appear within acceptable limits for first sample. Silicon level (dirt/sealant material) satisfactory. Water content acceptable. Fuel dilution satisfactory. Viscosity within specified operating range. Action: Resample at next recommended interval to monitor and establish wear trend.

DATE SAMPLED		24-Mar-19
DATE RECEIVED		04-Apr-19
DATE REPORTED		05-Apr-19
LAB NO.		41022166143
SIF NO.		35424209
TIME ON UNIT		
TIME ON OIL		0
OIL BRAND OIL TYPE		Chevron Delo 400 LE
OIL TYPE OIL GRADE		SAE 15W40
OIL ADDED	Ltrs	
FILTER		Not Applicable
OIL CHANGED		
WO NUMBER		
Metals (ppm)		
Iron (Fe)		30
Chromium (Cr)		6
Lead (Pb)		<1
Copper (Cu)		<1
Tin (Sn)		2
Aluminium (Al)		2
Nickel (Ni)		4
Silver (Ag)		<1
Titanium (Ti)		<1
Vanadium (V)		<1
Contaminants (ppm)		
Silicon (Si)		7
Sodium (Na)		2
Potassium (K)		<1
Additives (ppm)		
Magnesium (Mg)		393
Calcium (Ca)		1626
Barium (Ba)		<1
Phosphorus (P)		1098
Zinc (Zn)		1305
Molybdenum (Mo)		92
Boron (B)		471
Contaminants		c
Water (%)		<0.05
Coolant		No
Physical Tests	、 、	44.0
Viscosity (cSt 100C)	14.6
Fuel (%)		<1
PQ Index		17
Soot (%) Infrared		0.3

ANALYST: Sam Smith Cleveland



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U.S. Laboratories

UIN 071D7B6





UIN 01A307A

Т	ransmission
Unit No.	315
Unit:	
Make	Gillig
Model	
Serial No.	
Site	
Compartment:	
Name	Transmission
Make	
Model	
Serial No.	
Capacity:	
Customer:	

TRANSIT RESOURCE CENTER 5840 Red Bug Lake Rd Ste 165 Winter Springs FL 32708

USA

DIAGNOSIS

All wear rates normal. Abrasive and other contaminant levels are acceptable. Viscosity within specified operating range. Action: Resample next recommended service interval to further monitor.

DATE SAMPLED		23-Mar-19	11-Aug-13	07-Oct-10	15-Sep-08	
DATE RECEIVED		04-Apr-19	29-Aug-13	14-Oct-10	24-Sep-08	
DATE REPORTED		05-Apr-19	30-Aug-13	19-Oct-10	25-Sep-08	
LAB NO.		41022166136	41020780766	41020118201	41008181307	
SIF NO.		35424185	13985688	102520650021	82016710023	
TIME ON UNIT	Hrs					
TIME ON OIL	Hrs	BP	Petro Canada	Castrol	Castrol	
OIL BRAND OIL TYPE		Autran Syn 295	ATF PC HD Syn	TranSynd	TranSynd	
OIL GRADE		-	-	-	-	
OIL ADDED						
FILTER	Hrs					
OIL CHANGED WO NUMBER			Not Changed	Not Changed	Not Provided	
Metals (ppm) Iron (Fe)		62	62	8	37	
Chromium (Cr)		<1	<1	<1	<1	
Lead (Pb)		9	10	9	184	
Copper (Cu)		57	42	14	72	
Tin (Sn)		1	1	<1	2	
Aluminium (Al)		23	15	1	6	
Nickel (Ni)		<1	<1	<1	<1	
Silver (Ag)		<1	<1	1	1	
Titanium (Ti)		<1	<1	<1	<1	
Vanadium (V)		<1	<1	<1	<1	
Contaminants (ppm)						
Silicon (Si)		3	4	<1	2	
Sodium (Na)		2	9	<1	5	
Potassium (K)		<1	<5	<5	<5	
Additives (ppm)						
Magnesium (Mg)		15	<1	<1	1	
Calcium (Ca)		94	63	7	24	
Barium (Ba)		<1	<1	1	<1	
Phosphorus (P)		275	311	279	253	
Zinc (Zn)		53 4	12	<1 <1	8 <1	
Molybdenum (Mo) Boron (B)		4 120	<1 162	<1 130	108	
Contaminants		120	102	130	100	
Water (%)		<0.05	<0.05	<0.05	<0.05	
Physical Tests						
Viscosity (cSt 100C)	7.4	6.6	7.3		
Solids (%)		0.2	0.1	0.1		
Additional						
PQ Index		23	<10			
		\sim	\sim	\sim	\sim	

ANALYST: roldan.beldad



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UIN 01A307A

Chromium (Cr) Iron (Fe) 80 60 40 20 0 07/10/2010 23/03/2019 15/09/2008 11/08/2013	- Viscosity (cSt 100C)	U.S. Laboratories Atlanta, Georgia - 420 3121 Presidential Drive Atlanta, GA 30340 800.394.3669 Kansas City, Kansas - 430 935 Sunshine Road Mansas City, KS 66115 800.332.8055 Portland, Oregon - 401 4943 NW Front Avenue Portland, OR 97210 800.770.4128 Canadian Laboratories
Copper (Cu) Lead (Pb) Tin (Sn) 200 150 100 50 0 07/10/2010 23/03/2019 15/09/2008 11/08/2013		Burlington, Ontario - 450 Edmonton, Alberta - 402 5036 South Service Rd. Burlington, ON L7L5Y73 Edmonton, AB T5S 1K1 905 332 9559 Sales & Marketing Houston, Texas 10450 Stancliff Road, Suite 210 Houston, TX 77099 877.835.8437 International Locations Australia
	Filter Image Filter patch test is not performed Contact laboratory for more information	Brisbane, Perth, Sydney, Muswellbrook South America Santiago de Chile, Belo Horizonte, Brazil New Zealand Wellington TEST METHODS: Acid Number: Acid Number: Acid Number: ASTM D974/D664 (*M) Base Number: ASTM D4739 (*M) Base Number (Perchloric): ASTM D2896 (*M) Fuel Dilution by GC: ASTM D7593 Fuel Dilution Visc/Setaflash In House Evel Soct ATB (P: ASTM D7696 (*M)
Since services are based on samples and information supplied by others, and s services are rendered without any warranty or liability of any kind beyond the ar recommendations are based on interpretations of the generated test results and tested at other ALS laboratories within the Tribology divisional network. Transit Resource Center Attn: Robin Thompson 5840 Red Bug Lake Rd Ste 165 Winter Springs FL 32708 USA	ctual amount paid to ALS Tribology for the services. Reported	Fuel Soot ATR/IR: ASTM D7686 (*M) Soot by FTIR: ASTM D7844 Glycol: In House Metals by ICP AES: ASTM D5185 (*M) Ox, NOx, SOx, FTIR: ASTM D7418/D7414/D7415 D7624 PQ Index: PQ Index: ASTM D7647 (*M) / ISO 4406 Viscosity: ASTM D445 (*M) / D7279 (*M) Water KF: D6304C / E203 (*M) Water Crackle: In House

ALS	

UIN 071E798

٦ Unit No.	Transmission 316
Unit: Make Model Serial No.	MCI D4505
Site	VCTC
Compartment: Name Make Model Serial No. Capacity:	Transmission

Customer:

TRANSIT RESOURCE CENTER 5840 Red Bug Lake Rd Ste 165 Winter Springs FL 32708 USA

DIAGNOSIS

All wear levels appear within acceptable limits for first sample. Silicon level (dirt/sealant material) satisfactory. Water content acceptable. Viscosity within specified operating range. Action: Resample at next recommended interval to monitor and establish wear trend.

DATE SAMPLED		23-Mar-19	
DATE RECEIVED		04-Apr-19	
DATE REPORTED		05-Apr-19	
LAB NO.		41022166177	
SIF NO.		35424193	
TIME ON UNIT	Hrs		
TIME ON OIL	Hrs		
OIL BRAND		BP	
OIL TYPE		Autran Syn 295	
OIL GRADE OIL ADDED		-	
FILTER	Hrs	Not Applicable	
OIL CHANGED			
WO NUMBER			
Metals (ppm)			
Iron (Fe)		29	
Chromium (Cr)		<1	
Lead (Pb)		5	
Copper (Cu)		13	
Tin (Sn)		<1	
Aluminium (Al)		14	
Nickel (Ni)		<1	
Silver (Ag)		<1	
Titanium (Ti)		<1	
Vanadium (V)		<1	
Contaminants (ppm)			
Silicon (Si)		3	
Sodium (Na)		1	
Potassium (K)		<1	
Additives (ppm)		_	
Magnesium (Mg)		5	
Calcium (Ca)		43	
Barium (Ba)		<1	
Phosphorus (P)		254	
Zinc (Zn)		14	
Molybdenum (Mo)		<1	
Boron (B)		114	
Contaminants		0.05	
Water (%)		<0.05	
Physical Tests	、 、	7.0	
Viscosity (cSt 100C)	7.3	
Solids (%)		0.2	
Additional		-10	
PQ Index		<10	

ANALYST: harold.scarborough



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Exhibit B



UIN 071E798

	Chromium (Cr) Iron (Fe)	8 T	Viscosity (cSt 100C)	U.S. Lab Atlanta, Georgia - 420 3121 Presidential Drive Atlanta, GA 30340 800.394.3669	Oratories Valley View, Ohio - 410 6180 Halle Dr. Suite D Valley View, OH 44125 800.726.5400
PPM Fe	25 1 20 0.8 PP 15 0.6 M 10 0.4 Q	6		Kansas City, Kansas - 430 935 Sunshine Road Kansas City, KS 66115 800.332.8055	3319 West Earll Drive Phoenix, AZ 85017 800.445.7930
		ຜູ້ 2 0		4943 NW Portland	Dregon - 401 Front Avenue , OR 97210 70.4128
	23/03/2019		23/03/2019		aboratories.
	Copper (Cu) - Lead (Pb) ···· Tin (Sn)	0.06 -	Water (%)	Burlington, Ontario - 450 5036 South Service Rd. Burlington, ON L7L5Y73 905 332 9559	Edmonton, Alberta - 402 10717-176 Street Edmonton, AB T5S 1K1 888.489.0057
Mdd	12- 10- 8- 6- 4- 2-	- 0.04 - Nate % 0.02 -		Housto 10450 Stanclift Houston	Marketing n, Texas f Road, Suite 210 , TX 77099 35.8437
	0	0	02/02/0040	Internationa	al Locations
	23/03/2019		23/03/2019		stralia
		Filter			ydney, Muswellbrook
	Aluminium (Al) Silicon (Si) Sodium (Na)	Image	Filter patch test is not		America Belo Horizonte, Brazil
	16 14		performed Contact laboratory	New Zealand South	east Asia Europe
	12 -		for more information		npur, Singapore Prague
Mdd	10-			TEST M	ETHODS:
	6-			Acid Number:	ASTM D974/D664 (*M)
	4			Base Number: Base Number (Perchloric):	ASTM D4739 (*M) ASTM D2896 (*M)
	<u>_</u>			Fuel Dilution by GC:	ASTM D7593
	23/03/2019			Fuel Dilution Visc/Setaflash Fuel Soot ATR/IR:	In House ASTM D7686 (*M)
service recom	services are based on samples and information supplied by others, and as are rendered without any warranty or liability of any kind beyond the mendations are based on interpretations of the generated test results a at other ALS laboratories within the Tribology divisional network.	actual amount paid to ALS Tribo	blogy for the services. Reported	Soot by FTIR: Glycol: Metals by ICP AES: Ox, NOx, SOx, FTIR:	ASTM D7660 (M) ASTM D7844 In House ASTM D5185 (*M) ASTM D7418/D7414/D7415 D7624
				PQ Index:	ASTM D8120 (*M)
	Transit Resource Center			Particle Count:	ASTM D7647 (*M) / ISO 4406
	Attn: Robin Thompson 5840 Red Bug Lake Rd Ste 165			Viscosity:	ASTM D445 (*M) / D7279 (*M)
	Winter Springs FL 32708			Water KF:	D6304C / E203 (*M)
	USA		Exhibit B	Water Crackle:	In House fied Method
			L'AIIIUIL D	^M - Modi	lied wethod

(ALS)

UIN 071D757

Unit No. 317
Unit
Unit.
Make MCI
Model D4505
Serial No.
Site
Compartment:
Name Transmission
Make
Model
Serial No.
Capacity: Ltrs

Customer:

TRANSIT RESOURCE CENTER

5840 Red Bug Lake Rd Ste 165 Winter Springs FL 32708 USA

DIAGNOSIS

All wear levels appear within acceptable limits for first sample. Silicon level (dirt/sealant material) satisfactory. Water content acceptable. Viscosity within specified operating range. Action: Resample next service interval to monitor and establish wear trend.

DATE SAMPLED		24-Mar-19	
DATE RECEIVED		04-Apr-19	
DATE REPORTED		05-Apr-19	
LAB NO.		41022166135	
SIF NO.		35424181	
TIME ON UNIT			
TIME ON OIL			
OIL BRAND OIL TYPE		BP Autran Syn 295	
OIL GRADE		Autian Syn 295	
OIL ADDED	Ltrs		
FILTER		Not Applicable	
OIL CHANGED			
WO NUMBER			
Metals (ppm)		04	
Iron (Fe)		64	
Chromium (Cr)		<1	
Lead (Pb)		5	
Copper (Cu)		15	
Tin (Sn)		1	
Aluminium (Al)		15	
Nickel (Ni)		<1	
Silver (Ag)		<1	
Titanium (Ti)		<1	
Vanadium (V)		<1	
Contaminants (ppm)		_	
Silicon (Si)		3	
Sodium (Na)		1	
Potassium (K)		<1	
Additives (ppm)		15	
Magnesium (Mg) Calcium (Ca)		79	
		79 <1	
Barium (Ba)		273	
Phosphorus (P) Zinc (Zn)		273 42	
Zinc (Zn) Molybdenum (Mo)		42	
Boron (B)		4 121	
Contaminants		121	
Water (%)		<0.05	
Physical Tests			
Viscosity (cSt 100C))	7.5	
Solids (%)		0.3	
Additional PQ Index		14	
		14	

ANALYST: Jon.Sowers



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UIN 071D757

Chromium (Cr) — Iron	п (Fe) г 1.2	8	Viscosity (cSt 100C)	Atlanta, Georgia - 420 3121 Presidential Drive Atlanta, GA 30340	Voratories Valley View, Ohio - 410 6180 Halle Dr. Suite D Valley View, OH44125
e0 -	1 0.8 ₽ 0.6 ≤	6 0 00 4		800.394.3669 Kansas City, Kansas - 430 935 Sunshine Road Kansas City, KS 66115 800.332.8055	800.726.5400 Phoenix, Arizona - 440 3319 West Earll Drive Phoenix, AZ 85017 800.445.7930
	0.4 9 0.2 0	ම 2- ਲ੍ਹ 2- 0		4943 NW Portland	Oregon - 401 Front Avenue I, OR 97210 770.4128
24/03/2019		24/03/2019			aboratories
	Tin (Sn)	0.06 -	Water (%)	Burlington, Ontario - 450 5036 South Service Rd. Burlington, ON L7L5Y73 905 332 9559	Edmonton, Alberta - 402 10717-176 Street Edmonton, AB T5S 1K1 888.489.0057
20 - 15 - 전 10 - 5 -		u.0.04 - ≪ ≪ 0.02 -		Housto 10450 Stanclif Houstor	Marketing on, Texas f Road, Suite 210 a, TX 77099 335.8437
24/03/2019		0		International Locations Australia Brisbane, Perth, Sydney, Muswellbrook	
Aluminium (Al) —— Silicon (Si) —— Sodium (Na)		Filter Image Filter patch test is not performed Contact laboratory for more information		South Santiago de Chile New Zealand South	America Belo Horizonte, Brazil Heast Asia Europe
15 10 5 0 24/03/2019				3,14	preur, Singapore Prague IETHODS: ASTM D974/D664 (*M) ASTM D4739 (*M) ASTM D4739 (*M) ASTM D2896 (*M) ASTM D7593 In House ASTM D7686 (*M)
Since services are based on samples and informat services are rendered without any warranty or liabi recommendations are based on interpretations of t tested at other ALS laboratories within the Tribolog	lity of any kind beyond the a he generated test results a	actual amount paid to ALS Trib	ology for the services. Reported	Soot by FTIR: Glycol: Metals by ICP AES: Ox, NOx, SOx, FTIR:	ASTM D7000 (M) ASTM D7844 In House ASTM D5185 (*M) ASTM D7418/D7414/D7415 D7624
Transit Resource Ce Attn: Robin Thompso 5840 Red Bug Lake Winter Springs FL 32 USA	on Rd Ste 165		F-1:1:4 P	PQ Index: Particle Count: Viscosity: Water KF: Water Crackle:	ASTM D8120 (*M) ASTM D7647 (*M) / ISO 4406 ASTM D445 (*M) / D7279 (*M) D6304C / E203 (*M) In House
			Exhibit B		

(ALS)	

UIN 071E787

Т	ransmission
Unit No.	318
Unit:	
Make	MCI
Model	D4505
Serial No.	
Site	VCTC
Compartment:	
Name	Transmission
Make	
Model	
Serial No.	
Capacity:	

Customer:

TRANSIT RESOURCE CENTER 5840 Red Bug Lake Rd Ste 165 Winter Springs FL 32708 USA

DIAGNOSIS

All wear levels appear within acceptable limits for first sample. Silicon level (dirt/sealant material) satisfactory. Water content acceptable. Viscosity within specified operating range. Action: Resample at next recommended interval to monitor and establish wear trend.

DATE SAMPLED		23-Mar-19	
DATE RECEIVED		04-Apr-19	
DATE REPORTED		05-Apr-19	
LAB NO.		41022166178	
SIF NO. TIME ON UNIT	Hrs	35424191	
TIME ON OIL	Hrs		
OIL BRAND		BP	
OIL TYPE		Autran Syn 295	
OIL GRADE		-	
OIL ADDED FILTER	Hrs	Not Applicable	
OIL CHANGED	1115	Not Applicable	
WO NUMBER			
Metals (ppm)			
Iron (Fe)		38	
Chromium (Cr)		<1	
Lead (Pb)		4	
Copper (Cu)		15	
Tin (Sn)		<1	
Aluminium (Al)		10	
Nickel (Ni)		<1	
Silver (Ag)		<1	
Titanium (Ti)		<1	
Vanadium (V)		<1	
Contaminants (ppm)			
Silicon (Si)		2	
Sodium (Na)		2	
Potassium (K)		<1	
Additives (ppm) Magnesium (Mg)		6	
Calcium (Ca)		51	
Barium (Ba)		<1	
Phosphorus (P)		258	
Zinc (Zn)		20	
Molybdenum (Mo)		2	
Boron (B)		111	
Contaminants			
Water (%)		<0.05	
Physical Tests			
Viscosity (cSt 100C	;)	7.3	
Solids (%)		0.2	
Additional			
PQ Index		<10	

ANALYST: harold.scarborough

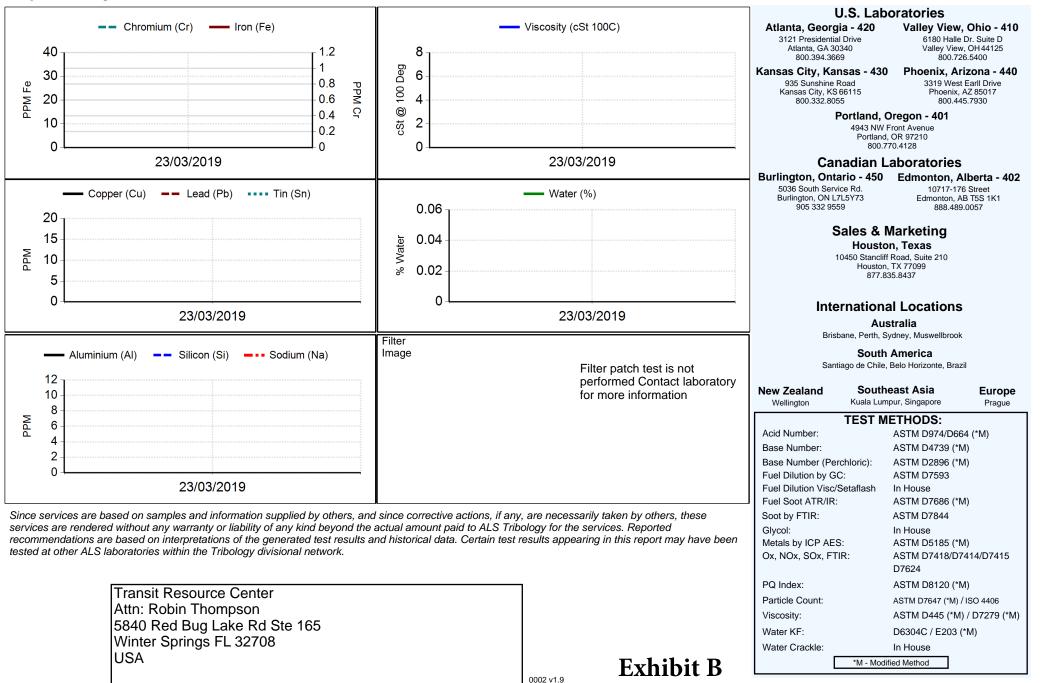


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Exhibit B



UIN 071E787





UIN 02811B9

т	ransmission
Unit No.	319
Unit:	
Make	
Model	
Serial No.	
Site	
Compartment:	
Name	Transmission
Make	MCI
Model	
Serial No.	
Capacity:	

TRANSIT RESOURCE CENTER 5840 Red Bug Lake Rd Ste 165 Winter Springs FL 32708 USA

Customer:

DIAGNOSIS

All wear rates normal. Abrasive and other contaminant levels are acceptable. Viscosity within specified operating range. Action: Resample next recommended service interval to further monitor.

DATE SAMPLED		24-Mar-19	17-Apr-11
DATE SAMPLED		24-Mar-19 04-Apr-19	17-Apr-11 30-Apr-11
DATE RECEIVED		05-Apr-19	03-May-11
.			
LAB NO.		41022166133	41020235009
SIF NO.	Lino	35424183	10425894
TIME ON UNIT TIME ON OIL	Hrs Hrs		
OIL BRAND	1115	BP	Petro Canada
OIL TYPE		Autran Syn 295	Unidentified
OIL GRADE		-	Unknown
OIL ADDED FILTER	Hrs	Not Applicable	
OIL CHANGED	nis	Not Applicable	Not Changed
WO NUMBER			Not Changed
Metals (ppm) Iron (Fe)		107	13
Chromium (Cr)		<1	13 <1
Lead (Pb)		< 1 6	5
Copper (Cu)		20	16
Tin (Sn)		20	5
Aluminium (Al)		21	8
Nickel (Ni)		<1	<1
Silver (Ag)		<1	<1
Titanium (Ti)		<1	<1
Vanadium (V)		<1	<1
Contaminants (ppm)			
Silicon (Si)		8	1
Sodium (Na)		2	9
Potassium (K)		<1	35
Additives (ppm)			
Magnesium (Mg)		2	2
Calcium (Ca)		68	41
Barium (Ba)		<1	<1
Phosphorus (P)		258	207
Zinc (Zn)		200	17
Molybdenum (Mo)		1	1
Boron (B)		108	58
Contaminants		100	
Water (%)		<0.05	<0.05
Physical Tests			
Viscosity (cSt 100C))	7.4	7.0
Solids (%)	,	0.2	0.1
Additional			
PQ Index		<10	

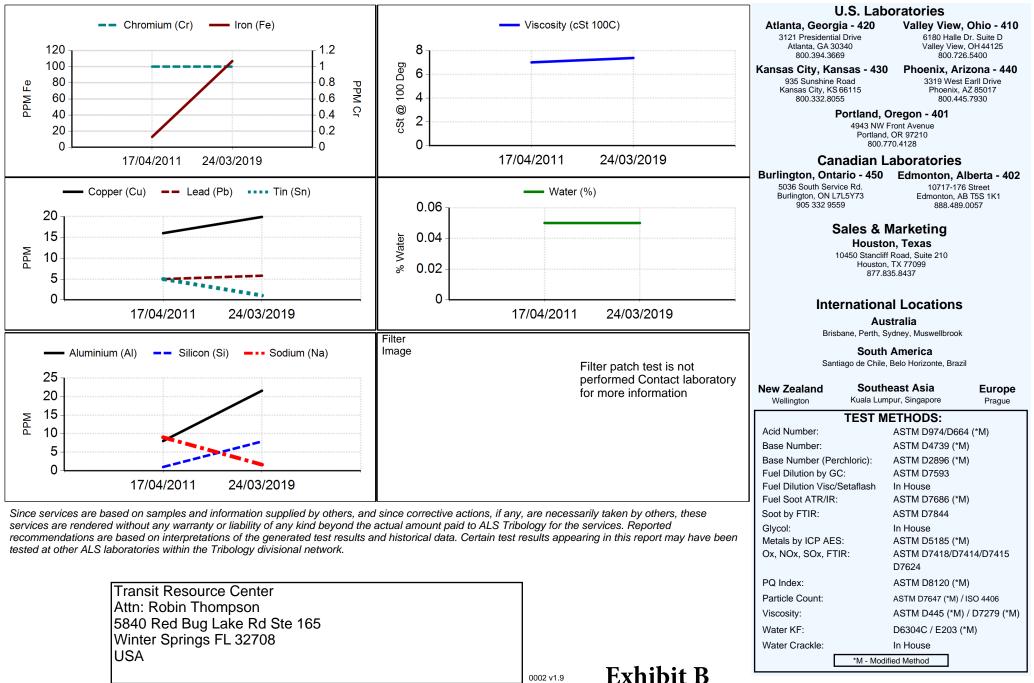
ANALYST: roldan.beldad



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UIN 02811B9



(ALS)	

UIN 071E78F

٦ Unit No.	Transmission
	320
Unit:	
Make	MCI
Model	D4505
Serial No.	
Site	VCTC
Compartment:	1
Name	Transmission
Make	
Model	
Serial No.	
Capacity:	

Customer:

TRANSIT RESOURCE CENTER 5840 Red Bug Lake Rd Ste 165 Winter Springs FL 32708 USA

DIAGNOSIS

All wear levels appear within acceptable limits for first sample. Silicon level (dirt/sealant material) satisfactory. Water content acceptable. Viscosity within specified operating range. Action: Resample at next recommended interval to monitor and establish wear trend.

DATE SAMPLED		23-Mar-19	
DATE RECEIVED		04-Apr-19	
DATE REPORTED		05-Apr-19	
LAB NO. SIF NO. TIME ON UNIT TIME ON OIL	Hrs Hrs	41022166179 35424195	
OIL BRAND OIL TYPE OIL GRADE OIL ADDED		BP Autran Syn 295 -	
FILTER OIL CHANGED WO NUMBER	Hrs	Not Applicable	
Metals (ppm)			
Iron (Fe)		86	
Chromium (Cr)		<1	
Lead (Pb)		5	
Copper (Cu)		11	
Tin (Sn)		<1	
Aluminium (Al)		16	
Nickel (Ni)		<1	
Silver (Ag)		<1	
Titanium (Ti)		<1	
Vanadium (V)		<1	
Contaminants (ppm)			
Silicon (Si)		5	
Sodium (Na)		1	
Potassium (K)		<1	
Additives (ppm)			
Magnesium (Mg)		2	
Calcium (Ca)		35	
Barium (Ba)		<1	
Phosphorus (P)		250	
Zinc (Zn)		7	
Molybdenum (Mo)		<1	
Boron (B)		113	
Contaminants Water (%)		<0.05	
Physical Tests			
Viscosity (cSt 100C)	7.4	
Solids (%)		0.2	
Additional		01	
PQ Index		21	

ANALYST: harold.scarborough



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Exhibit B

 (\checkmark)



UIN 071E78F

Chromium (C	r) — Iron (Fe)	cSt @ 100 Deg	4	Viscosity (cS	St 100C)	Atlanta, Georgi 3121 Presidential Atlanta, GA 303 800.394.3663 Kansas City, Kan 935 Sunshine R Kansas City, KS 6 800.332.8055	Drive 6180 Halle I 340 Valley View, 9 9 800.726 Issas - 430 Phoenix, Ari oad 3319 West 56115 Phoenix, Phoenix, 4	Dr. Suite D , OH 44125 5.5400 izona - 440 Earll Drive AZ 85017
			0 -	23/03	6/2019	Can	adian Laboratories	
23/03/2019 — Copper (Cu) – Lead (Pb) •••• Tin (Sn)			23/03/2019 — Water (%) 0.06 -		Burlington, Onta 5036 South Servic Burlington, ON L7I 905 332 9559	rio - 450 Edmonton, A ce Rd. 10717-176 L5Y73 Edmonton, AB	Street 3 T5S 1K1	
12 10 10 8 6 4 2 -		% Water	0.04				ales & Marketing Houston, Texas 0450 Stancliff Road, Suite 210 Houston, TX 77099 877.835.8437	
2	3/03/2019		0 –	23/0		Inter	rnational Locations	
20/00/2013			Filter			Australia Brisbane, Perth, Sydney, Muswellbrook		
	ilicon (Si) 🛛 🗕 💶 Sodium (Na)	Image		1	Filter patch test is not performed Contact laboratory for more information	Santia New Zealand Wellington	South America ago de Chile, Belo Horizonte, Brazi Southeast Asia Kuala Lumpur, Singapore	I Europe Prague
전 10- 5- 0- 2	3/03/2019					Acid Number: Base Number: Base Number (Perc Fuel Dilution by GC Fuel Dilution Visc/S Fuel Soot ATR/IR:	ASTM D7593	I) I)
Since services are based on samples and information supplied by others, and services are rendered without any warranty or liability of any kind beyond the recommendations are based on interpretations of the generated test results a tested at other ALS laboratories within the Tribology divisional network.		actual a	amount paid	to ALS Tribology for the	services. Reported	Soot by FTIR: Glycol: Metals by ICP AES Ox, NOx, SOx, FTII	ASTM D7844 In House : ASTM D5185 (*M	1)
Attn: Robin 5840 Red E	ource Center Thompson Bug Lake Rd Ste 165 ngs FL 32708			0002 v1.9	Exhibit B	PQ Index: Particle Count: Viscosity: Water KF: Water Crackle:	ASTM D8120 (*M ASTM D7647 (*M) / ASTM D445 (*M) D6304C / E203 (* In House *M - Modified Method	ISO 4406 / D7279 (*M)

(ALS)	

UIN 071E794

т	ransmission
Unit No.	321
Unit:	
Make	MCI
Model	D4505
Serial No.	
Site	VCTC
Compartment:	
Name	Transmission
Make	
Model	
Serial No.	
Capacity:	

Customer:

TRANSIT RESOURCE CENTER 5840 Red Bug Lake Rd Ste 165 Winter Springs FL 32708 USA

DIAGNOSIS

All wear levels appear within acceptable limits for first sample. Silicon level (dirt/sealant material) satisfactory. Water content acceptable. Viscosity within specified operating range. Action: Resample at next recommended interval to monitor and establish wear trend.

DATE SAMPLED		23-Mar-19	
DATE RECEIVED		04-Apr-19	
DATE REPORTED		05-Apr-19	
LAB NO.		41022166180	
SIF NO.		35424197	
TIME ON UNIT	Hrs		
TIME ON OIL	Hrs	BP	
OIL BRAND OIL TYPE		Autran Syn 295	
OIL GRADE		-	
OIL ADDED			
FILTER	Hrs	Not Applicable	
OIL CHANGED			
WO NUMBER			
Metals (ppm)		<u></u>	
Iron (Fe)		60	
Chromium (Cr) Lead (Pb)		<1 6	
		6 14	
Copper (Cu) Tin (Sn)		14 <1	
Aluminium (Al)		11	
Nickel (Ni)		<1	
Silver (Ag)		دا <1	
Titanium (Ti)		<1 <1	
Vanadium (V)		دا <1	
Contaminants (ppm)			
Silicon (Si)		2	
Sodium (Na)		2	
Potassium (K)		<1	
Additives (ppm)			
Magnesium (Mg)		4	
Calcium (Ca)		44	
Barium (Ba)		<1	
Phosphorus (P)		255	
Zinc (Zn)		13	
Molybdenum (Mo)		1	
Boron (B)		112	
Contaminants			
Water (%)		<0.05	
Physical Tests	、 、	7 4	
Viscosity (cSt 100C)	7.4	
Solids (%)		0.2	
Additional PQ Index		<10	

ANALYST: harold.scarborough



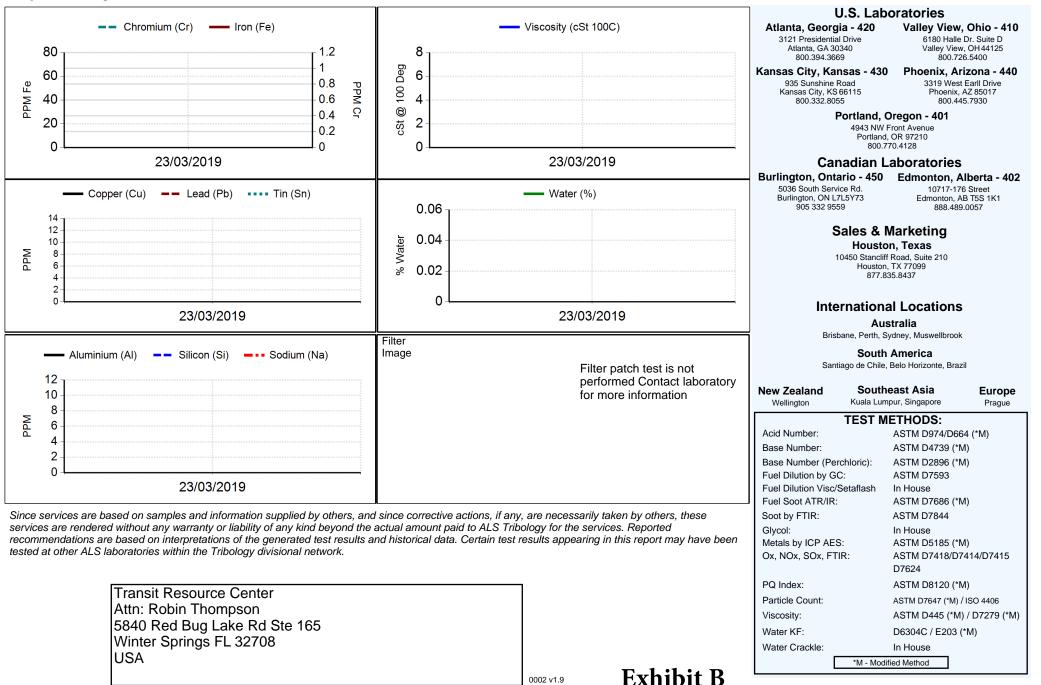
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Exhibit B

 (\checkmark)



UIN 071E794



(ALS)	

UIN 071E78B

Transmission	
Unit No. 322	
Unit:	
Make MCI	
Model D4505	
Serial No.	
Site VCTC	
Compartment:NameTransmissionMakeModel	
Serial No.	
Capacity:	

Customer:

TRANSIT RESOURCE CENTER 5840 Red Bug Lake Rd Ste 165 Winter Springs FL 32708 USA

DIAGNOSIS

All wear levels appear within acceptable limits for first sample. Silicon level (dirt/sealant material) satisfactory. Water content acceptable. Viscosity within specified operating range. Action: Resample at next recommended interval to monitor and establish wear trend.

DATE SAMPLED		23-Mar-19	
DATE RECEIVED		04-Apr-19	
DATE REPORTED		05-Apr-19	
LAB NO. SIF NO. TIME ON UNIT TIME ON OIL OIL BRAND OIL TYPE OIL GRADE	Hrs Hrs	41022166181 35424199 BP Autran Syn 295	
OIL ADDED FILTER OIL CHANGED WO NUMBER	Hrs	Not Applicable	
Metals (ppm)			
Iron (Fe)		78	
Chromium (Cr)		<1	
Lead (Pb)		7	
Copper (Cu)		15	
Tin (Sn)		1	
Aluminium (Al)		19	
Nickel (Ni)		<1	
Silver (Ag)		<1	
Titanium (Ti)		<1	
Vanadium (V)		<1	
Contaminants (ppm)			
Silicon (Si)		3	
Sodium (Na)		2	
Potassium (K)		<1	
Additives (ppm) Magnesium (Mg)		2	
Calcium (Ca)		48	
Barium (Ba)		<1	
Phosphorus (P)		252	
Zinc (Zn)		12	
Molybdenum (Mo)		1	
Boron (B)		108	
Contaminants Water (%)		<0.05	
Physical Tests Viscosity (cSt 100C Solids (%))	7.4 0.2	
Additional PQ Index		<10	



ANALYST: harold.scarborough



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UIN 071E78B

		U.S. Laboratories	
Chromium (Cr) Iron (Fe)	Viscosity (cSt 100C)	Atlanta, Georgia - 420 Valley View, Ohio - 410 3121 Presidential Drive 6180 Halle Dr. Suite D Atlanta, GA 30340 Valley View, OHio - 410 800.394.3669 800.726.5400	
60 0.8 PP ₩ 40 0.6 ₹ 0.4 C	6	Kansas City, Kansas - 430 Phoenix, Arizona - 440 935 Sunshine Road 3319 West Earll Drive Kansas City, KS 66115 Phoenix, AZ 85017 800.332.8055 800.445.7930	
		Portland, Oregon - 401 4943 NW Front Avenue Portland, OR 97210 800.770.4128	
23/03/2019	23/03/2019	Canadian Laboratories	
Copper (Cu) Lead (Pb) ···· Tin (Sn)		Burlington, Ontario - 450 Edmonton, Alberta - 402 5036 South Service Rd. 10717-176 Street Burlington, ON L7L5Y73 Edmonton, AB TSS 1K1 905 332 9559 888.489.0057	
15- 전 10- 5-	agate S % 0.02	Sales & Marketing Houston, Texas 10450 Stancliff Road, Suite 210 Houston, TX 77099 877.835.8437	
0 23/03/2019	0 23/03/2019	International Locations Australia Brisbane, Perth, Sydney, Muswellbrook South America	
Aluminium (AI) – – Silicon (Si) – • Sodium (Na)	Filter Image		
20 1	Filter patch test is not performed Contact laboratory	Santiago de Chile, Belo Horizonte, Brazil	
15	for more information	New Zealand Southeast Asia Europe Wellington Kuala Lumpur, Singapore Prague	
전 10-		TEST METHODS:	
		Acid Number: ASTM D974/D664 (*M) Base Number: ASTM D4739 (*M)	
		Base Number (Perchloric): ASTM D2896 (*M)	
0 23/03/2019		Fuel Dilution by GC: ASTM D7593 Fuel Dilution Visc/Setaflash In House Fuel Soot ATR/IR: ASTM D7686 (*M)	
Since services are based on samples and information supplied by others, an services are rendered without any warranty or liability of any kind beyond the recommendations are based on interpretations of the generated test results a tested at other ALS laboratories within the Tribology divisional network.		Soot by FTIR: ASTM D7844 Glycol: In House Metals by ICP AES: ASTM D5185 (*M) Ox, NOx, SOx, FTIR: ASTM D7418/D7414/D7415 D7624	
Transit Resource Center		PQ Index: ASTM D8120 (*M)	
Attn: Robin Thompson	D_1:1:4 D	Particle Count: ASTM D7647 (*M) / ISO 4406	
5840 Red Bug Lake Rd Ste 165	Exhibit B	Viscosity: ASTM D445 (*M) / D7279 (*M) Water KF: D6304C / E203 (*M)	
Winter Springs FL 32708		Water Crackle: In House	
USA		*M - Modified Method	

*M - Modified Method



UIN 01A31C3

т	ransmission
Unit No.	323
Unit:	
Make	MCI
Model	
Serial No.	
Site	
Compartment:	
Name	Transmission
Make	
Model	
Serial No.	
Capacity:	
Customeru	
Customer:	

TRANSIT RESOURCE CENTER 5840 Red Bug Lake Rd Ste 165 Winter Springs FL 32708

USA

DIAGNOSIS

All wear rates normal. Abrasive and other contaminant levels are acceptable. Viscosity within specified operating range. Action: Resample next service interval to further monitor.

DATE SAMPLED		23-Mar-19	10-Oct-18	10-Apr-16	12-Apr-15	19-Sep-10	22-Feb-09
DATE RECEIVED		04-Apr-19	29-Oct-18	21-Apr-16	21-Apr-15	30-Sep-10	22-Feb-09 27-Feb-09
DATE REPORTED		04-Apr-19 04-Apr-19	01-Nov-18	25-Apr-16	21-Apr-15 24-Apr-15	01-Oct-10	02-Mar-09
		04-Api-19	01-100-10	25-Api-16	24-Api-15	01-00-10	02-10181-09
LAB NO.		41022166134	41022054506	41021418452	41021175580	41020107940	41009032409
SIF NO.		35424187	34601875	30151482	15105665	102468690027	92129350016
TIME ON UNIT	Hrs						
TIME ON OIL	Hrs	0	0				0
OIL BRAND OIL TYPE		Castrol TranSynd	Castrol TranSynd	Unidentified Unidentified	Petro Canada ATF PC HD Syn	Petro Canada ATF PC HD Syn	Castrol TranSynd
OIL GRADE		-	-	Unknown			-
OIL ADDED				Children			
FILTER	Hrs	Not Applicable					
OIL CHANGED					Not Changed	Not Changed	Not Provided
WO NUMBER							
Metals (ppm)				_			
Iron (Fe)		74	266	120	50	63	26
Chromium (Cr)		<1	<1	<1	<1	<1	<1
Lead (Pb)		4	69	4	4	10	10
Copper (Cu)		12	88	21	20	75	19
Tin (Sn)		1	6	2	2	5	3
Aluminium (Al)		14	61	21	15	25	12
Nickel (Ni)		<1	<1	_ <1	<1	<1	<1
Silver (Ag)		<1	<1	<1	<1	<1	<1
Titanium (Ti)		<1	<1	<1	<1	<1	<1
Vanadium (V)		<1	<1	<1	<1	<1	<1
Contaminants (ppm)							
Silicon (Si)		3	25	13	8	25	1
Sodium (Na)		2	50	4	5	8	7
Potassium (K)		<1	2	6	<5	13	<5
Additives (ppm)							
Magnesium (Mg)		3	3	1	<1	16	1
Calcium (Ca)		43	37	108	100	83	52
Barium (Ba)		<1	<1	<1	<1	<1	<1
Phosphorus (P)		248	258	245	241	313	237
Zinc (Zn)		12	12	10	8	78	18
Molybdenum (Mo)		<1	<1	<1	<1	1	1
Boron (B)		109	79	68	74	113	82
Contaminants							
Water (%)		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Physical Tests							
Viscosity (cSt 100C)	7.3	7.7	5.8	6.0	6.8	
Solids (%)		0.2	0.1	0.1	0.1	0.2	
Additional							
PQ Index		<10	15	19	<10		
			STOP				
		-	_	-	-	-	

ANALYST: Sam Smith Cleveland



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UIN 01A31C3

	Chromium (Cr) Iron (Fe)	8 -	iscosity (cSt 100C)	U.S. Lab Atlanta, Georgia - 420 3121 Presidential Drive Atlanta, GA 30340 800.394.3669	oratories Valley View, Ohio - 410 6180 Halle Dr. Suite D Valley View, OH 44125 800.726.5400
PPM Fe	250 200 150 100 100	6 6 00 4 00 8		Kansas City, Kansas - 430 935 Sunshine Road Kansas City, KS 66115 800.332.8055	
	50 0 19/09/2010 10/04/2016 23/03/2019		/2015 10/10/2018	4943 NW f Portland, 800.7	Dregon - 401 Front Avenue , OR 97210 70.4128
	22/02/2009 12/04/2015 10/10/2018	19/09/2010	10/04/2016 23/03/2019		aboratories
	Copper (Cu) Lead (Pb) Tin (Sn)	0.06 -	— Water (%)	Burlington, Ontario - 450 5036 South Service Rd. Burlington, ON L7L5Y73 905 332 9559	Edmonton, Alberta - 402 10717-176 Street Edmonton, AB T5S 1K1 888.489.0057
Mdd		et 0.04 معند معند 0.02 محمد 100 مح معند 100 محمد 100 محم		Housto 10450 Stancliff Houston,	Marketing n, Texas Road, Suite 210 TX 77099 35.8437
	0 19/09/2010 10/04/2016 23/03/2019 22/02/2009 12/04/2015 10/10/2018	0 19/09/ 22/02/2009	/2010 10/04/2016 23/03/2019 12/04/2015 10/10/2018	Aus	al Locations stralia ydney, Muswellbrook
	Aluminium (Al) Sodium (Na) Silicon (Si)	Filter Image			America
		inage	Filter patch test is not		Belo Horizonte, Brazil
	80 60		performed Contact laboratory for more information		east Asia Europe pur, Singapore Prague
PPM	40			TEST M Acid Number:	ETHODS:
	20			Base Number:	ASTM D974/D664 (*M) ASTM D4739 (*M)
	0			Base Number (Perchloric):	ASTM D2896 (*M)
	19/09/2010 10/04/2016 23/03/2019 22/02/2009 12/04/2015 10/10/2018			Fuel Dilution by GC: Fuel Dilution Visc/Setaflash	ASTM D7593 In House
				Fuel Soot ATR/IR:	ASTM D7686 (*M)
	services are based on samples and information supplied by others, and ses are rendered without any warranty or liability of any kind beyond the a			Soot by FTIR:	ASTM D7844
recon	nmendations are based on interpretations of the generated test results a			Glycol: Metals by ICP AES:	In House ASTM D5185 (*M)
testec	at other ALS laboratories within the Tribology divisional network.			Ox, NOx, SOx, FTIR:	ASTM D7418/D7414/D7415 D7624
	Transit Resource Center			PQ Index:	ASTM D8120 (*M)
	Attn: Robin Thompson			Particle Count: Viscosity:	ASTM D7647 (*M) / ISO 4406 ASTM D445 (*M) / D7279 (*M)
	5840 Red Bug Lake Rd Ste 165			Water KF:	ASTM D445 (*M) / D7279 (*M) D6304C / E203 (*M)
	Winter Springs FL 32708			Water Crackle:	In House
	USA		Eykikit D		fied Method
		o	Exhibit B		

ALS	

UIN 071E79C

Т	ransmission
Unit No.	324
Unit:	
Make	MCI
Model	D4505
Serial No.	
Site	VCTC
Compartment:	
Name	Transmission
Make	
Model	
Serial No.	
Capacity:	

Customer:

TRANSIT RESOURCE CENTER 5840 Red Bug Lake Rd Ste 165 Winter Springs FL 32708

USA

DIAGNOSIS

All wear levels appear within acceptable limits for first sample. Silicon level (dirt/sealant material) satisfactory. Water content acceptable. Viscosity within specified operating range. Action: Resample at next recommended interval to monitor and establish wear trend.

DATE SAMPLED		24-Mar-19	
DATE RECEIVED		04-Apr-19	
DATE REPORTED		05-Apr-19	
		44000400400	
LAB NO. SIF NO.		41022166182 35424188	
TIME ON UNIT	Hrs	33424100	
TIME ON OIL	Hrs		
OIL BRAND		BP	
OIL TYPE		Autran Syn 295	
OIL GRADE OIL ADDED		-	
FILTER	Hrs	Not Applicable	
OIL CHANGED	1110	Not Applicable	
WO NUMBER			
Metals (ppm)			
Iron (Fe)		65	
Chromium (Cr)		<1	
Lead (Pb)		7	
Copper (Cu)		23	
Tin (Sn)		<1	
Aluminium (AI)		18	
Nickel (Ni)		<1	
Silver (Ag)		<1	
Titanium (Ti)		<1	
Vanadium (V)		<1	
Contaminants (ppm)			
Silicon (Si)		3	
Sodium (Na)		2	
Potassium (K)		<1	
Additives (ppm)			
Magnesium (Mg)		20	
Calcium (Ca)		101	
Barium (Ba)		<1	
Phosphorus (P)		291	
Zinc (Zn)		59	
Molybdenum (Mo)		5	
Boron (B)		128	
Contaminants		0.05	
Water (%)		<0.05	
Physical Tests)	7.6	
Viscosity (cSt 100C Solids (%))	7.6 0.2	
. ,		0.2	
Additional PQ Index		<10	

ANALYST: harold.scarborough



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Exhibit B

 (\checkmark)



UIN 071E79C

	Chromium (Cr) Iron (Fe)		Viscosity (cSt 100C)		Atlanta, Georgia - 420 3121 Presidential Drive	boratories Valley View, Ohio - 410 6180 Halle Dr. Suite D
80 60 84 40	1.2 1 0.8 pp 0.6 ≤ 0.4 cr				Atlanta, GA 30340 800.394.3669 Kansas City, Kansas - 43 935 Sunshine Road Kansas City, KS 66115	3319 West Earll Drive Phoenix, AZ 85017
	0.0 \$ 0.4 \$ 0.2 0				4943 NV Portlar	800.445.7930 Oregon - 401 V Front Avenue Id, OR 97210 .770.4128
	24/03/2019		24/03/2019			Laboratories
Copp	per (Cu) —— Lead (Pb) •••• Tin (Sn)	0.06 1	Water (%)		Burlington, Ontario - 450 5036 South Service Rd. Burlington, ON L7L5Y73 905 332 9559	 Edmonton, Alberta - 402 10717-176 Street Edmonton, AB T5S 1K1 888.489.0057
20- 20- 15- 10- 5-					Houst 10450 Stanc Housto	Marketing ton, Texas liff Road, Suite 210 n, TX 77099 .835.8437
0	24/03/2019	0	24/03/2019			nal Locations
		Filter		Australia Brisbane, Perth, Sydney, Muswellbrook		
— Aluminiu 20 - 15 -	m (Al) —— Silicon (Si) — Sodium (Na)	Image	performe	tch test is not ed Contact laboratory information	Santiago de Chil New Zealand Sout	h America e, Belo Horizonte, Brazil heast Asia Europe mpur, Singapore Prague
					<u> </u>	METHODS:
a 10-					Acid Number:	ASTM D974/D664 (*M)
5					Base Number:	ASTM D4739 (*M)
0	24/03/2019				Base Number (Perchloric): Fuel Dilution by GC: Fuel Dilution Visc/Setaflash	ASTM D2896 (*M) ASTM D7593 In House
Since services are based on samples and information supplied by others, and services are rendered without any warranty or liability of any kind beyond the a recommendations are based on interpretations of the generated test results ar tested at other ALS laboratories within the Tribology divisional network.		actual amount paid to ALS Tr	ibology for the services.	Reported	Fuel Soot ATR/IR: Soot by FTIR: Glycol: Metals by ICP AES: Ox, NOx, SOx, FTIR:	ASTM D7686 (*M) ASTM D7844 In House ASTM D5185 (*M) ASTM D7418/D7414/D7415 D7624
	Transit Resource Center		7		PQ Index:	ASTM D8120 (*M)
Attn: Robin Thompson					Particle Count: Viscosity:	ASTM D7647 (*M) / ISO 4406 ASTM D445 (*M) / D7279 (*M)
	5840 Red Bug Lake Rd Ste 165				Water KF:	ASTM D445 (*M) / D7279 (*M) D6304C / E203 (*M)
	Winter Springs FL 32708				Water Crackle:	In House
	USA					dified Method
			0002 v1.9	Exhibit B	L	

(ALS)	

UIN 071E782

T Unit No.	ransmission 325
Unit: Make	MCI
Model Serial No.	D4505
Site	VCTC
Compartment: Name Make Model Serial No. Capacity:	Transmission

Customer:

TRANSIT RESOURCE CENTER 5840 Red Bug Lake Rd Ste 165 Winter Springs FL 32708 USA

DIAGNOSIS

All wear levels appear within acceptable limits for first sample. Silicon level (dirt/sealant material) satisfactory. Water content acceptable. Viscosity within specified operating range. Action: Resample at next recommended interval to monitor and establish wear trend.

DATE SAMPLED		23-Mar-19	
DATE RECEIVED		04-Apr-19	
DATE REPORTED		05-Apr-19	
LAB NO. SIF NO. TIME ON UNIT TIME ON OIL OIL BRAND OIL TYPE OIL GRADE OIL ADDED FILTER	Hrs Hrs Hrs	41022166183 35424189 BP Autran Syn 295 - Not Applicable	
OIL CHANGED WO NUMBER	1110	Torrppicable	
Metals (ppm)			
Iron (Fe)		38	
Chromium (Cr)		<1	
Lead (Pb)		4	
Copper (Cu)		15	
Tin (Sn)		<1	
Aluminium (Al)		14	
Nickel (Ni)		<1	
Silver (Ag)		<1	
Titanium (Ti)		<1	
Vanadium (V)		<1	
Contaminants (ppm)			
Silicon (Si)		3	
Sodium (Na)		2	
Potassium (K)		<1	
Additives (ppm)			
Magnesium (Mg)		5	
Calcium (Ca)		44	
Barium (Ba)		<1	
Phosphorus (P)		261	
Zinc (Zn)		12	
Molybdenum (Mo)		<1	
Boron (B)		114	
Contaminants Water (%)		<0.05	
Physical Tests			
Viscosity (cSt 100C	;)	7.3	
Solids (%)		0.2	
Additional PQ Index		<10	

ANALYST: harold.scarborough



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Exhibit B



UIN 071E782

	40 -	Chromium (Cr) Iron (Fe)	81	Viscosity (cSt 100C)	Atlanta, Georgia - 420 3121 Presidential Drive Atlanta, GA 30340	6180 Halle Dr. Suite D Valley View, OH 44125	
PPM Fe	30 20		6		800.394.3669 Kansas City, Kansas - 4 935 Sunshine Road Kansas City, KS 66115 800.332.8055	800.726.5400 30 Phoenix, Arizona - 440 3319 West Earll Drive Phoenix, AZ 85017 800.445.7930	
H H	10	0.2	8 8 0 0		4943 N Porti	J, Oregon - 401 IW Front Avenue and, OR 97210)0.770.4128	
		23/03/2019	23/03/2019			Laboratories	
	(Copper (Cu) —— Lead (Pb) •••• Tin (Sn)	— Water (%)		Burlington, Ontario - 45 5036 South Service Rd. Burlington, ON L7L5Y73 905 332 9559	50 Edmonton, Alberta - 402 10717-176 Street Edmonton, AB T5S 1K1 888.489.0057	
MAA	10 - 14 - 12 - 10 - 8 - 6 - 4 - 2 -		ate ⊗ ⊗ ⊗ 0.02		Hou: 10450 Star Hous	& Marketing ston, Texas Icliff Road, Suite 210 iton, TX 77099 '7.835.8437	
	0	23/03/2019	0 -	23/03/2019	Internatio	onal Locations	
23/03/2019		23/03/2019			Australia		
Aluminium (Al)		Filter Image			Brisbane, Perth, Sydney, Muswellbrook		
Aluminium (AI) – Silicon (Si) – Sodium (Na)		ninium (Al) —— Silicon (Si) —— Sodium (Na)	Filter patch test is not			South America Santiago de Chile, Belo Horizonte, Brazil	
		performed Contact laboratory for more information		New Zealand Sou	utheast Asia Europe		
10				3	Lumpur, Singapore Prague		
МЧЧ	8 - 6 -				Acid Number:	ASTM D974/D664 (*M)	
	4				Base Number:	ASTM D4739 (*M)	
	2-				Base Number (Perchloric):	ASTM D2896 (*M)	
	0	23/03/2019			Fuel Dilution by GC: Fuel Dilution Visc/Setaflash	ASTM D7593 In House	
					Fuel Soot ATR/IR:	ASTM D7686 (*M)	
		e based on samples and information supplied by others, and lered without any warranty or liability of any kind beyond the			Soot by FTIR:	ASTM D7844	
recom	mendations	s are based on interpretations of the generated test results a			Glycol: Metals by ICP AES:	In House ASTM D5185 (*M)	
testea	l at other AL	S laboratories within the Tribology divisional network.			Ox, NOx, SOx, FTIR:	ASTM D7418/D7414/D7415 D7624	
Transit Resource Center				PQ Index:	ASTM D8120 (*M)		
Attn: Robin Thompson				Particle Count:	ASTM D7647 (*M) / ISO 4406		
5840 Red Bug Lake Rd Ste 165				Viscosity: Water KF:	ASTM D445 (*M) / D7279 (*M) D6304C / E203 (*M)		
		Winter Springs FL 32708			Water KF: Water Crackle:	In House	
		USA			*M - N	Iodified Method	
				0002 v1.9 Exhibit B			



UIN 01A2FAE

Т	ransmission
Unit No.	326
Unit:	
Make	Volvo
Model	9700
Serial No.	
Site	Lynx
Compartment:	
Name	Transmission
Make	Allison
Model	
Serial No.	
Capacity:	

Customer: TRANSIT RESOURCE CENTER

5840 Red Bug Lake Rd Ste 165 Winter Springs FL 32708 USA

DIAGNOSIS

All wear rates normal. Abrasive and other contaminant levels are acceptable. Viscosity within specified operating range. Action: Resample next recommended service interval to further monitor.

[
		24-Mar-19	02-Apr-17	29-Jun-08	
DATE RECEIVED		04-Apr-19	26-Apr-17	09-Jul-08	
DATE REPORTED		05-Apr-19	28-Apr-17	10-Jul-08	
LAB NO.		41022166139	41021664867	41008128101	
SIF NO.		34370598	32005361	81968330031	
TIME ON UNIT	Hrs				
TIME ON OIL	Hrs	BP	Datra Canada	Unidentified	
OIL BRAND OIL TYPE		BP Autran Syn 295	Petro Canada Unidentified	Unidentified Unidentified	
OIL GRADE		Autian Syn 295	Unknown	Unknown	
OIL ADDED			ernale int	C inato ini	
FILTER	Hrs	Not Applicable			
OIL CHANGED				Not Provided	
WO NUMBER					
Metals (ppm)					
Iron (Fe)		77	65	27	
Chromium (Cr)		2	<1	<1	
Lead (Pb)		<1	9	21	
Copper (Cu)		34	40	112	
Tin (Sn)		<1	2	11	
Aluminium (AI)		4	14	11	
Nickel (Ni)		2	<1	<1	
Silver (Ag)		<1	<1	<1	
Titanium (Ti)		<1	<1	<1	
Vanadium (V)		<1	<1	<1	
Contaminants (ppm)					
Silicon (Si)		96	6	4	
Sodium (Na)		2	22	4	
Potassium (K)		<1	<1	<5	
Additives (ppm)					
Magnesium (Mg)		3	<1	21	
Calcium (Ca)		786	66	126	
Barium (Ba)		<1	<1	<1	
Phosphorus (P)		658	185	379	
Zinc (Zn)		15	9	95	
Molybdenum (Mo)		2	<1	6	
Boron (B)		<5	49	81	
Contaminants					
Water (%)		<0.05	<0.05	<0.05	
Physical Tests					
Viscosity (cSt 100C))	8.7	5.9		
Solids (%)		0.2	0.2		
Additional					
PQ Index		<10	86		
		\sim	\sim	\sim	

ANALYST: roldan.beldad



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Exhibit B



UIN 01A2FAE

Chromium (Cr) Iron (Fe)		Viscosity (cSt 100C)		U.S. Atlanta, Georgia - 42 3121 Presidential Drive Atlanta, GA 30340 800.394.3669	Laboratories 20 Valley View, Ohio - 410 6180 Halle Dr. Suite D Valley View, OH44125 800.726.5400	
00 ₩ 40 ₩ 20	1.5 PPM 1 0 5	8 - 00 6 - © 4 -			Kansas City, Kansas 935 Sunshine Road Kansas City, KS 66115 800.332.8055	- 430 Phoenix, Arizona - 440 3319 West Earll Drive Phoenix, AZ 85017 800.445.7930
° 20 0	0.5 0.5 0	ซีซี 2 0			4943	nd, Oregon - 401 3 NW Front Avenue vrtland, OR 97210 800.770.4128
	29/06/2008 24/03/2019		02/04/2017 24/0	3/2019		an Laboratories
— Co	opper (Cu) —— Lead (Pb) •••• Tin (Sn)	0.06 -	— Water (%)		5036 South Service Rd. Burlington, ON L7L5Y73 905 332 9559	450 Edmonton, Alberta - 402 10717-176 Street Edmonton, AB T5S 1K1 888.489.0057
100 -		<u>► 0.04</u>			Sales	& Marketing
× 80 -		0.04 - ≦ ≪ ≪ 0.02 - €			10450 S	uston, Texas tancliff Road, Suite 210
40		s 0.02				buston, TX 77099 877.835.8437
20		0 -			Internat	ional Locations
29/06/2008 02/04/2017 24/03/2019			0/06/2008 02/04/2017	24/03/2019	internat	Australia
		Filter				erth, Sydney, Muswellbrook
Aluminium (Al) Sodium (Na) Silicon (Si)		Image Filter patch test is not		South America Santiago de Chile, Belo Horizonte, Brazil		
			performe	d Contact laboratory information	New Zealand S	outheast Asia Europe
				mornation		la Lumpur, Singapore Prague
₩ 60 dd 40					Acid Number:	ASTM D974/D664 (*M)
20 -					Base Number:	ASTM D4739 (*M)
					Base Number (Perchloric Fuel Dilution by GC:	:): ASTM D2896 (*M) ASTM D7593
	29/06/2008 02/04/2017 24/03/2019				Fuel Dilution Visc/Setafla	
Since services are based on samples and information supplied by others, and		since corrective actions. if	anv. are necessarilv taken	by others, these	Fuel Soot ATR/IR: Soot by FTIR:	ASTM D7686 (*M) ASTM D7844
services are rende	red without any warranty or liability of any kind beyond the	actual amount paid to ALS	Tribology for the services.	Reported	Glycol:	In House
recommendations are based on interpretations of the generated test results ar tested at other ALS laboratories within the Tribology divisional network.		na historical data. Certain te	est results appearing in this	s report may have been	Metals by ICP AES: Ox, NOx, SOx, FTIR:	ASTM D5185 (*M) ASTM D7418/D7414/D7415
						D7624
	Transit Resource Center				PQ Index:	ASTM D8120 (*M)
Attn: Robin Thompson					Particle Count: Viscosity:	ASTM D7647 (*M) / ISO 4406 ASTM D445 (*M) / D7279 (*M)
5840 Red Bug Lake Rd Ste 165					Water KF:	D6304C / E203 (*M)
	Winter Springs FL 32708				Water Crackle:	In House
	USA		Exercise Exe	xhibit B	*M	- Modified Method
			0002 v1.9			



UIN 071D783

Т	ransmission
Unit No.	981
Unit:	
Make	Volvo
Model	9700
Serial No.	
Site	
Compartment:	
Name	Transmission
Make	
Model	
Serial No.	
Capacity:	Ltrs

Customer:

TRANSIT RESOURCE CENTER 5840 Red Bug Lake Rd Ste 165 Winter Springs FL 32708

USA

DIAGNOSIS

All wear levels appear within acceptable limits for first sample. Silicon level (dirt/sealant material) satisfactory. Water content acceptable. Viscosity within specified operating range. Action: Resample at next recommended interval to monitor and establish wear trend.

DATE SAMPLED	24-Mar-19	
DATE RECEIVED	04-Apr-19	
DATE REPORTED	05-Apr-19	
LAB NO.	41022166137	
SIF NO.	35424180	
TIME ON UNIT		
TIME ON OIL		
	BP	
OIL TYPE OIL GRADE	Autran Syn 295	
OIL ADDED	Ltrs	
FILTER	Not Applicable	
OIL CHANGED		
WO NUMBER		
Metals (ppm)		
Iron (Fe)	105	
Chromium (Cr)	1	
Lead (Pb)	<1	
Copper (Cu)	39	
Tin (Sn)	<1	
Aluminium (Al)	5	
Nickel (Ni)	1	
Silver (Ag)	<1	
Titanium (Ti)	<1	
Vanadium (V)	<1	
Contaminants (ppm) Silicon (Si)	95	
Sodium (Na)	2	
Potassium (K)	2 <1	
Additives (ppm)		
Magnesium (Mg)	2	
Calcium (Ca)	754	
Barium (Ba)	<1	
Phosphorus (P)	650	
Zinc (Zn)	17	
Molybdenum (Mo)	1	
Boron (B)	<5	
Contaminants		
Water (%)	<0.05	
Physical Tests		
Viscosity (cSt 100C)		
Solids (%)	0.2	
Additional		
PQ Index	<10	



ANALYST: roldan.beldad

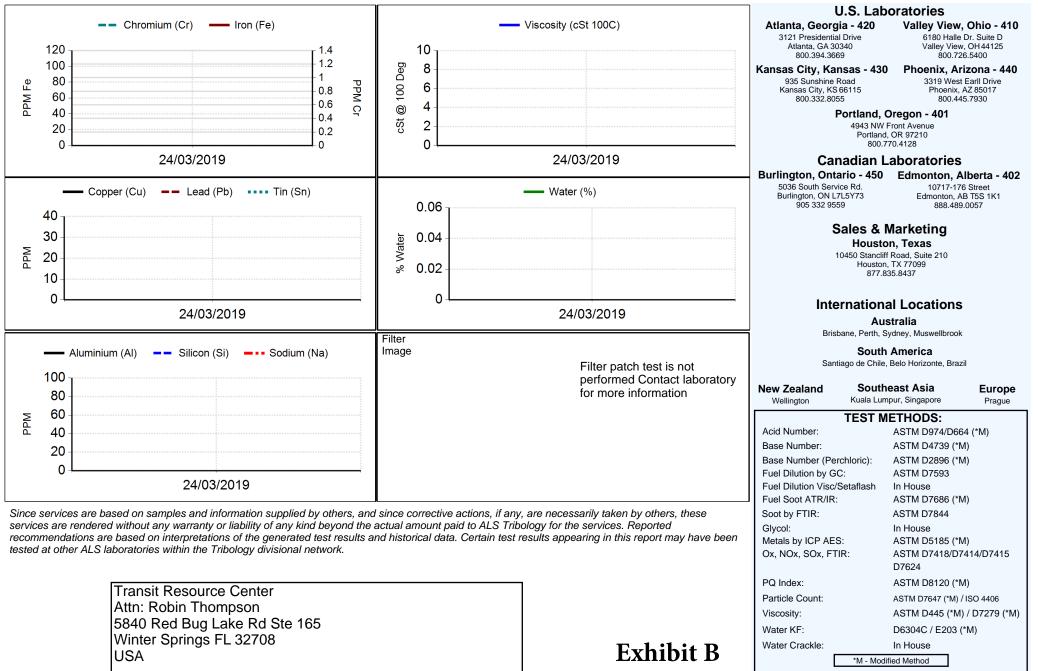


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Exhibit B



UIN 071D783



(ALS)	

UIN 071E7A0

T Unit No.	ransmission 983
Unit: Make Model Serial No.	Volvo 9700
Site	VCTC
Compartment: Name Make Model Serial No. Capacity:	Transmission

Customer:

TRANSIT RESOURCE CENTER 5840 Red Bug Lake Rd Ste 165 Winter Springs FL 32708 USA

DIAGNOSIS

All wear levels appear within acceptable limits for first sample. Silicon level (dirt/sealant material) satisfactory. Water content acceptable. Viscosity within specified operating range. Action: Resample at next recommended interval to monitor and establish wear trend.

DATE SAMPLED		24-Mar-19	
DATE RECEIVED		04-Apr-19	
DATE REPORTED		05-Apr-19	
LAB NO.		41022166184	
SIF NO.		35424186	
TIME ON UNIT	Hrs	00121100	
TIME ON OIL	Hrs		
OIL BRAND		BP	
OIL TYPE OIL GRADE		Autran Syn 295	
OIL ADDED		-	
FILTER	Hrs	Not Applicable	
OIL CHANGED			
WO NUMBER			
Metals (ppm)			
Iron (Fe)		31	
Chromium (Cr)		<1	
Lead (Pb)		<1	
Copper (Cu)		8	
Tin (Sn)		<1	
Aluminium (Al)		2	
Nickel (Ni)		<1	
Silver (Ag)		<1	
Titanium (Ti)		<1	
Vanadium (V)		<1	
Contaminants (ppm)			
Silicon (Si)		36	
Sodium (Na)		3	
Potassium (K)		2	
Additives (ppm)			
Magnesium (Mg)		<1	
Calcium (Ca)		98	
Barium (Ba)		<1	
Phosphorus (P)		297	
Zinc (Zn)		8	
Molybdenum (Mo)		3	
Boron (B)		99	
Contaminants			
Water (%)		<0.05	
Physical Tests			
Viscosity (cSt 100C	:)	11.3	
Solids (%)		0.1	
Additional			
PQ Index		<10	

ANALYST: harold.scarborough



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Exhibit B

 \checkmark



UIN 071E7A0

Chromium (Cr) Iron (Fe)	Viscosity (cSt 100C)	U.S. Laboratories Atlanta, Georgia - 420 Valley View, Ohio - 410 3121 Presidential Drive 6180 Halle Dr. Suite D Atlanta, GA 30340 Valley View, OH44125 800.394.3669 800.726.5400	
30 25 20 Wd 15 10 0.6 M 0.4 C	6 00 00 00 00 00 00 00 00 00 00 00 00 00	Kansas City, Kansas - 430Phoenix, Arizona - 440935 Sunshine Road Kansas City, KS 66115 800.332.80553319 West Earll Drive Phoenix, AZ 85017 800.445.7930	
		Portland, Oregon - 401 4943 NW Front Avenue Portland, OR 97210 800.770.4128	
24/03/2019	24/03/2019	Canadian Laboratories	
Copper (Cu) Lead (Pb) ···· Tin (Sn)	— Water (%) 0.06 ₁	Burlington, Ontario - 450 Edmonton, Alberta - 402 5036 South Service Rd. 10717-176 Street Burlington, ON L7L5Y73 Edmonton, AB T5S 1K1 905 332 9559 888.489.0057	
6	ա 0.04	Sales & Marketing	
	0.04	Houston, Texas 10450 Stancliff Road, Suite 210	
	se 0.02	Houston, TX 77099 877.835.8437	
	0		
24/03/2019	24/03/2019	International Locations Australia	
	Filter	Brisbane, Perth, Sydney, Muswellbrook	
—— Aluminium (Al)	Image	South America	
40 -	Filter patch test is not performed Contact laboratory	Santiago de Chile, Belo Horizonte, Brazil	
30	for more information	New Zealand Southeast Asia Europe Wellington Kuala Lumpur, Singapore Prague	
ਬੁੱ 20 -		TEST METHODS:	
		Acid Number: ASTM D974/D664 (*M)	
10-		Base Number: ASTM D4739 (*M) Base Number (Perchloric): ASTM D2896 (*M)	
0		Fuel Dilution by GC: ASTM D7593	
24/03/2019		Fuel Dilution Visc/Setaflash In House Fuel Soot ATR/IR: ASTM D7686 (*M)	
Since services are based on samples and information supplied by others, an	d since corrective actions, if any, are necessarily taken by others, these	Soot by FTIR: ASTM D7844	
services are rendered without any warranty or liability of any kind beyond the recommendations are based on interpretations of the generated test results a		Glycol: In House	
tested at other ALS laboratories within the Tribology divisional network.			
	and historical data. Certain test results appearing in this report may have been	Metals by ICP AES: ASTM D5185 (*M) Ox, NOx, SOx, FTIR: ASTM D7418/D7414/D7415 D7624 D7624	
Transit Resource Center		Ox, NOx, SOx, FTIR: ASTM D7418/D7414/D7415	
Transit Resource Center Attn: Robin Thompson		Ox, NOx, SOx, FTIR: ASTM D7418/D7414/D7415 D7624 PQ Index: ASTM D8120 (*M) Particle Count: ASTM D7647 (*M) / ISO 4406	
Attn: Robin Thompson		Ox, NOx, SOx, FTIR: ASTM D7418/D7414/D7415 D7624 PQ Index: ASTM D8120 (*M) Particle Count: ASTM D7647 (*M) / ISO 4406 Viscosity: ASTM D445 (*M) / D7279 (*M)	
Attn: Robin Thompson 5840 Red Bug Lake Rd Ste 165 Winter Springs FL 32708		Ox, NOx, SOx, FTIR: ASTM D7418/D7414/D7415 D7624 PQ Index: ASTM D8120 (*M) Particle Count: ASTM D7647 (*M) / ISO 4406 Viscosity: ASTM D445 (*M) / D7279 (*M) Water KF: D6304C / E203 (*M)	
Attn: Robin Thompson 5840 Red Bug Lake Rd Ste 165	0002 v1.9 Exhibit B	Ox, NOx, SOx, FTIR: ASTM D7418/D7414/D7415 D7624 PQ Index: ASTM D8120 (*M) Particle Count: ASTM D7647 (*M) / ISO 4406 Viscosity: ASTM D445 (*M) / D7279 (*M)	



UIN 071D7A9

т	ransmission
Unit No.	986
Unit:	
Make	Volvo
Model	9700
Serial No.	
Site	
Compartment: Name Make Model Serial No.	Transmission
Capacity:	Ltrs

Customer:

TRANSIT RESOURCE CENTER 5840 Red Bug Lake Rd Ste 165 Winter Springs FL 32708 USA

DIAGNOSIS

Cooler core leaching/clutch pack/thrust washer wear indicated. Dirt level (alumina + silica) high. Other contaminant levels acceptable. Viscosity within specified operating range. Action: Check all dirt access points. Advise inspect filter/strainer for abnormal wear metal (if applicable). Advise schedule for oil change. Resample at a reduced service interval to monitor and establish wear trend.

DATE SAMPLED		24-Mar-19	
DATE RECEIVED		04-Apr-19	
DATE REPORTED		05-Apr-19	
LAB NO. SIF NO.		41022166140 35424184	
TIME ON UNIT		33424104	
TIME ON OIL			
OIL BRAND		BP	
OIL TYPE		Autran Syn 295	
OIL GRADE		-	
OIL ADDED FILTER	Ltrs	Not Applicable	
OIL CHANGED			
WO NUMBER			
Metals (ppm)			
Iron (Fe)		149	
Chromium (Cr)		4	
Lead (Pb)		<1	
Copper (Cu)		181	
Tin (Sn)		1	
Aluminium (Al)		35	
Nickel (Ni)		3	
Silver (Ag)		<1	
Titanium (Ti)		<1	
Vanadium (V)		<1	
Contaminants (ppm)			
Silicon (Si)		117	
Sodium (Na)		5	
Potassium (K)		<1	
Additives (ppm)		_	
Magnesium (Mg)		5	
Calcium (Ca)		1754	
Barium (Ba)		1	
Phosphorus (P)		2281	
Zinc (Zn)		426	
Molybdenum (Mo)		3	
Boron (B)		13	
Contaminants			
Water (%)		<0.05	
Physical Tests	•)	0.2	
Viscosity (cSt 100C	·)	9.3	
Solids (%)		0.3	
Additional PQ Index		12	
		12	

ANALYST: roldan.beldad



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Exhibit B



UIN 071D7A9

Chromium (Cr) Iron (Fe)	Viscosity (cSt 100C)	U.S. Laboratories Atlanta, Georgia - 420 Valley View, Ohio - 410 3121 Presidential Drive 6180 Halle Dr. Suite D
160	10 ₁	Atlanta, GA 30340 Valley View, OH44125 800.394.3669 800.726.5400
140- 120- 120- 100- X 80- A PPM CT 2 M CT	00 Deg 8	Kansas City, Kansas - 430 Phoenix, Arizona - 440 935 Sunshine Road 3319 West Earll Drive Kansas City, KS 66115 Phoenix, AZ 85017 800.332.8055 800.445.7930
	ty ty 0	Portland, Oregon - 401 4943 NW Front Avenue Portland, OR 97210 800.770.4128
24/03/2019	24/03/2019	Canadian Laboratories
Copper (Cu) Lead (Pb) Tin (Sn)	— Water (%) 0.06 ₁	Burlington, Ontario - 450 Edmonton, Alberta - 402 5036 South Service Rd. 10717-176 Street Burlington, ON L7L5Y73 Edmonton, AB T5S 1K1 905 332 9559 888.489.0057
150 - 전 전 전 전 전 전 전 전 전 전 전 전 전 전 전 전 전 전	0.04 - Marine Ma	Sales & Marketing Houston, Texas 10450 Stancliff Road, Suite 210
50 -	» 0.02 -	Houston, TX 77099 877.835.8437
0 24/03/2019	0 24/03/2019	International Locations
24/05/2019		Australia Brisbane, Perth, Sydney, Muswellbrook
Aluminium (Al) – – Silicon (Si) – - Sodium (Na)	Filter Image	South America
120	Filter patch test is not performed Contact laboratory	Santiago de Chile, Belo Horizonte, Brazil
100 - 80 -	for more information	New Zealand Southeast Asia Europe Wellington Kuala Lumpur, Singapore Prague
		TEST METHODS:
40 -		Acid Number: ASTM D974/D664 (*M) Base Number: ASTM D4739 (*M)
20		Base Number (Perchloric): ASTM D2896 (*M)
24/03/2019		Fuel Dilution by GC: ASTM D7593 Fuel Dilution Visc/Setaflash In House Fuel Soot ATR/IR: ASTM D7686 (*M)
Since services are based on samples and information supplied by others, and services are rendered without any warranty or liability of any kind beyond the a recommendations are based on interpretations of the generated test results are tested at other ALS laboratories within the Tribology divisional network.	ctual amount paid to ALS Tribology for the services. Reported	Soot by FTIR:ASTM D7844Glycol:In HouseMetals by ICP AES:ASTM D5185 (*M)Ox, NOx, SOx, FTIR:ASTM D7418/D7414/D7415
		D7624 PQ Index: ASTM D8120 (*M)
Transit Resource Center		Particle Count: ASTM D747 (*M) / ISO 4406
Attn: Robin Thompson 5840 Red Bug Lake Rd Ste 165		Viscosity: ASTM D445 (*M) / D7279 (*M)
Winter Springs FL 32708		Water KF: D6304C / E203 (*M)
USA	Exhibit B	Water Crackle: In House *M - Modified Method



UIN 071D792

т	ransmission
Unit No.	988
	500
Unit:	
Make	Volvo
Model	9700
Serial No.	
Site	
Compartment:	
Name	Transmission
Make	
Model	
Serial No.	
Capacity:	
Capacity.	Ltrs

Customer:

TRANSIT RESOURCE CENTER 5840 Red Bug Lake Rd Ste 165 Winter Springs FL 32708 USA

DIAGNOSIS

Bearing/bushing/thrust washer wear indicated. Silicon level (dirt/sealant material) satisfactory. Water content acceptable. Viscosity within specified operating range. Action: Resample at a reduced service interval to monitor and establish wear trend. Please provide all compartment make, and model details.

DATE SAMPLED		24-Mar-19	
DATE RECEIVED		04-Apr-19	
DATE REPORTED		08-Apr-19	
LAB NO.		41022166138	
SIF NO.		35424182	
TIME ON UNIT		00424102	
TIME ON OIL			
OIL BRAND		BP	
		Autran Syn 295	
OIL GRADE OIL ADDED	Ltrs	-	
FILTER	Lus	Not Applicable	
OIL CHANGED			
WO NUMBER			
Metals (ppm)			
Iron (Fe)		140	
Chromium (Cr)		3	
Lead (Pb)		<1	
Copper (Cu)		654	
Tin (Sn)		1	
Aluminium (Al)		17	
Nickel (Ni)		2	
Silver (Ag)		<1	
Titanium (Ti)		<1	
Vanadium (V)		<1	
Contaminants (ppm)			
Silicon (Si)		80	
Sodium (Na)		5	
Potassium (K)		<1	
Additives (ppm)			
Magnesium (Mg)		5	
Calcium (Ca)		1762	
Barium (Ba)		2	
Phosphorus (P)		2288	
Zinc (Zn)		638	
Molybdenum (Mo)		3	
Boron (B)		10	
Contaminants		0.05	
Water (%)		<0.05	
Physical Tests	`	0.0	
Viscosity (cSt 100C)	9.3	
Solids (%)		0.3	
Additional		<10	
PQ Index		<10	

ANALYST: Eric.Dunlap



Right Solutions • Right Partner

Exhibit B

 $\langle \times \rangle$



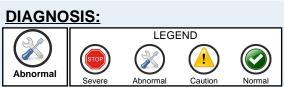
UIN 071D792

Chromium (Cr) Iron (Fe)	Viscosity (cSt 100C)	U.S. Laboratories Atlanta, Georgia - 420 Valley View, Ohio - 410
1403	10 ₁	Attanta, Scorigita - 420 Valley View, Onto - 410 3121 Presidential Drive 6180 Halle Dr. Suite D Atlanta, GA 30340 Valley View, OH44125 800.394.3669 800.726.5400
120 100 2.5 2 PPM 1.5 M O 1 C	- 8	Kansas City, Kansas - 430 Phoenix, Arizona - 440 935 Sunshine Road 3319 West Earll Drive Kansas City, KS 66115 Phoenix, AZ 85017 800.332.8055 800.445.7930
	^(a)	Portland, Oregon - 401 4943 NW Front Avenue Portland, OR 97210 800.770.4128
24/03/2019	24/03/2019	Canadian Laboratories
Copper (Cu) - Lead (Pb) ···· Tin (Sn)	— Water (%)	Burlington, Ontario - 450 Edmonton, Alberta - 402 5036 South Service Rd. 10717-176 Street Burlington, ON L7L5Y7 Edmonton, AB T5S 1K1 905 332 9559 888.489.0057
600	₻ 0.04	Sales & Marketing
전 400 -	Wat	Houston, Texas 10450 Stancliff Road, Suite 210
200	× 0.02 -	Houston, TX 77099 877.835.8437
0	0	International Locations
24/03/2019	24/03/2019	Australia
	Filter Image	Brisbane, Perth, Sydney, Muswellbrook South America
Aluminium (AI) – Silicon (Si) – Sodium (Na)	Filter patch test is not	Santiago de Chile, Belo Horizonte, Brazil
80 60	performed Contact laboratory for more information	New Zealand Southeast Asia Europe Wellington Kuala Lumpur, Singapore Prague
전 40 -		TEST METHODS: Acid Number: ASTM D974/D664 (*M)
20		Base Number: ASTM D374/D004 (M)
0		Base Number (Perchloric): ASTM D2896 (*M) Fuel Dilution by GC: ASTM D7593
24/03/2019		Fuel Dilution Visc/Setaflash In House
Since services are based on samples and information supplied by others, and	since corrective actions, if any, are necessarily taken by others, these	Fuel Soot ATR/IR: ASTM D7686 (*M) Soot by FTIR: ASTM D7844
services are rendered without any warranty or liability of any kind beyond the recommendations are based on interpretations of the generated test results a	actual amount paid to ALS Tribology for the services. Reported	Glycol: In House
tested at other ALS laboratories within the Tribology divisional network.	na mistorical data. Centain test results appearing in this report may have been	Metals by ICP AES: ASTM D5185 (*M) Ox, NOx, SOx, FTIR: ASTM D7418/D7414/D7415 D7624 D7624
Transit Resource Center		PQ Index: ASTM D8120 (*M)
Attn: Robin Thompson		Particle Count: ASTM D7647 (*M) / ISO 4406
5840 Red Bug Lake Rd Ste 165		Viscosity: ASTM D445 (*M) / D7279 (*M) Water KF: D6304C / E203 (*M)
Winter Springs FL 32708		Water Crackle: In House
USA		*M - Modified Method
	0002 v1.9 Exhibit B	



Coolant Sample Analysis

		• •	
UIN: Compartment:	071E774 Cooling System	Site:	VCTC
Unit No.:	315	Description:	Delo 50/50 ELC Coolant
Unit Make:	MCI	Compartment Make:	
Unit Model:	D4505	Compartment Model:	
Serial No.:	2.000	CompartmentSerial No.:	
DATE SAMPLED		23-Mar-19	
DATE RECEIVED		05-Apr-19	
DATE REPORTED		09-Apr-19	
LAB NO.		41022167465	
SIF NO.		35424223	
COMPARTMENT	Hrs		
SAMPLE	Hrs		
COOLANT BRAND COOLANT TYPE		Unidentified Coolant	
COOLANT CHANGE	0	Coolant	
WO NUMBER	-		
TEST/METHOD	UNITS	RESULTS	
Visual Appearance			
Clarity		Clear	
Petroleum Layer		None	
Sediment		Trace Black	
Color		Orange	
Physical / Chemical			
Total Dissolved So		2060	
Freeze Point (D332	21 °F	-65	
Refractometer)			
Glycol Content (D3	321) % °F	62	
Boil Point (D3321)		235	
Nitrites (Titrimetric/	IC D5827) ppm	96	
pH (D1287/Meter)			



Glycol level is high. pH is low. Pressure check radiator cap, if it fails replace cap and recheck pressure. Check that proper coolant volume is being maintained. Recommend adjust coolant to a 50/50 mix. Recommend take corrective action and resample to monitor.





Coolant Sample Analysis

UIN: Compartment:	071E79A Cooling System	Site:	VCTC
Unit No.:	316	Description:	Delo 50/50 ELC Coolant
Unit Make:	MCI	Compartment Make:	
Unit Model:	D4505	Compartment Make:	
Serial No.:	D4303	CompartmentSerial No.:	
		-	
DATE SAMPLED		23-Mar-19	
DATE RECEIVED		05-Apr-19	
DATE REPORTED		09-Apr-19	
LAB NO.		41022167476	
SIF NO.		35424222	
COMPARTMENT SAMPLE	Hrs Hrs		
COOLANT BRAND	HIS	Unidentified	
COOLANT TYPE		Coolant	
COOLANT CHANGE	0	ooolan	
WO NUMBER			
TEST/METHOD	UNITS	RESULTS	
Visual Appearance			
Clarity		Clear	
Petroleum Layer		None	
Sediment		None	
Color		Orange	
Physical / Chemical		Ũ	
Total Dissolved So	lids (D1125) ppm	2100	
Freeze Point (D332	21 °F	-60	
Refractometer)			
Glycol Content (D3		60	
Boil Point (D3321)	°F	234	
Nitrites (Titrimetric/	IC D5827) ppm	62	
pH (D1287/Meter)		7.3	

DIAGNOSIS:



pH is low. Glycol level is normal. Recommend drain 50% and Re-Inhibit.





Coolant Sample Analysis

		• •	
UIN: Compartment:	071E77C Cooling System	Site: VCT	D.
Unit No.:	317	Description: Delo	50/50 ELC Coolant
Unit Make:	MCI	Compartment Make:	
Unit Model:	D4505	Compartment Model:	
Serial No.:	54000	CompartmentSerial No.:	
DATE SAMPLED		- 24-Mar-19	
DATE RECEIVED		05-Apr-19	
DATE REPORTED		09-Apr-19	
LAB NO.		41022167467	
SIF NO.		35424217	
COMPARTMENT	Hrs		
SAMPLE	Hrs		
COOLANT BRAND		Unidentified	
COOLANT TYPE COOLANT CHANGEI	2	Coolant	
WO NUMBER			
TEST/METHOD	UNITS	RESULTS	
	01113	RESOLIS	
Visual Appearance			
Clarity		Clear	
Petroleum Layer Sediment		None None	
Color			
Physical / Chemical		Orange	
Total Dissolved So	lids (D1125) ppm	2260	
Freeze Point (D332		-65	
Refractometer)			
Glycol Content (D3	321) %	62	
Boil Point (D3321)	°F	235	
Nitrites (Titrimetric/	IC D5827) ppm	68	
pH (D1287/Meter)		7.3	
		\bigotimes	

DIAGNOSIS: LEGEND Abnormal Severe Abnormal Caution Normal Glycol level is high. pH is low. Pressure check radiator cap, if it fails replace cap and recheck pressure. Check that proper coolant volume is being maintained. Recommend adjust coolant to a 50/50 mix. Recommend take corrective action and resample to monitor.



Coolant Sample Analysis

		• •	
JIN: Compartment:	071E789 Cooling System	Site:	VCTC
Jnit No.: Init Make: Init Model: Serial No.:	318 MCI D4505	Description: Compartment Make: Compartment Model: CompartmentSerial No.:	Delo 50/50 ELC Coolant
DATE SAMPLED DATE RECEIVED DATE REPORTED LAB NO. SIF NO. COMPARTMENT SAMPLE COOLANT BRAND COOLANT TYPE COOLANT TYPE COOLANT CHANGEE WO NUMBER TEST/METHOD	Hrs Hrs D UNITS	08-Mar-19 05-Apr-19 09-Apr-19 41022167472 35424220 Unidentified Coolant	
Visual Appearance Clarity Petroleum Layer Sediment Color Physical / Chemical Total Dissolved Sol Freeze Point (D332 Refractometer) Glycol Content (D3321) Nitrites (Titrimetric/I	21 °F 321) % °F	Clear None None Orange 1676 -30 48 224 448	

DIAGNOSIS:



pH level is normal. Glycol level is normal. Resample at the next scheduled interval.





Coolant Sample Analysis

		• •	
UIN: Compartment:	071E778 Cooling System	Site:	VCTC
Unit No.:	319	Description:	Delo 50/50 ELC Coolant
Unit Make:	MCI	Compartment Make:	
Unit Model:	D4505	Compartment Model:	
Serial No.:	2.000	CompartmentSerial No.:	
DATE SAMPLED		24-Mar-19	
DATE RECEIVED		05-Apr-19	
DATE REPORTED		09-Apr-19	
LAB NO.		41022167466	
SIF NO.		35424215	
COMPARTMENT	Hrs		
SAMPLE	Hrs		
COOLANT BRAND COOLANT TYPE		Unidentified Coolant	
COOLANT TYPE	r	Coolant	
WO NUMBER			
TEST/METHOD	UNITS	RESULTS	
Visual Appearance Clarity		Clear	
Petroleum Layer		None	
Sediment		None	
Color		Orange	
Physical / Chemical		C C	
Total Dissolved So	lids (D1125) ppm	2020	
Freeze Point (D332 Refractometer)	21 °F	-77	
Glycol Content (D3	321) %	67	
Boil Point (D3321)	°F	239	
Nitrites (Titrimetric/	IC D5827) ppm	10	
pH (D1287/Meter)		7.3	

DIAGNOSIS: LEGEND Abnormal Severe Abnormal Caution Normal Glycol level is high. pH level is normal. Pressure check radiator cap, if it fails replace cap and recheck pressure. Check that proper coolant volume is being maintained. Recommend adjust coolant to a 50/50 mix. Recommend take corrective action and resample to monitor.





Coolant Sample Analysis

UIN:071E791 Cooling SystemSite:VCTCCompartment:Cooling SystemDescription:Delo 50/50 ELC CoolantUnit No.:320Description:Delo 50/50 ELC CoolantUnit Make:MCICompartment Make:Compartment Make:Unit Model:D4505Compartment Make:Compartment Model:DATE SAMPLED05-Apr-1905-Apr-19DATE REFORTED05-Apr-1905-Apr-19DATE REFORTED05-Apr-1935424224COULANT BRAND41022167474COOLANT BRANDCoolantCOOLANT BRANDUnidentified CoolantCOOLANT TYPE COOLANT TANGEDUNITSVisual AppearanceClear NoneClarityNone NonePetroleum Layer SedimentNone NoneColorOrangePhysical / Chemical Total Dissolved Solids (D1125)ppm Ter Ter 48Physical / Chemical Refractometer)"FGlorol Content (D3321)"FGlorol Content (D3321)"FStrit Solve Solids (D1125)ppmMark Solue Solids (D1125)ppm Ter ColorPhysical / Chemical Refractometer)TGlorol Content (D3321)"FGlorol Content (D3321)"FStrit Solve Solids (D1125)ppm Ter ColorGlorol Content (D3321)"FStrit Solve Solids (D1125)ppm Ter ColorGlorol Content (D3321)"FContent (D3321)"FContent Content (D3321)%Content C				
Unit No.::320Description:Delo 50/50 ELC CoolantUnit Make:MCICompartment Make:Compartment Model:Unit Model:D4505Compartment Model:Compartment Model:Serial No.:Compartment Model:Compartment Model:DATE SAMPLED05-Apr-1909-Apr-19DATE RECEIVED09-Apr-1909-Apr-19DATE REPORTED09-Apr-1909-Apr-19COMPARTMENTHrs35-FNO.COMPARTMENTHrs00-Apr-19COOLANT FRANDUnidentifiedCOOLANT TYPECoolantCOOLANT TYPECoolantCOOLANT TYPECoolantCOOLANT TYPECoolantCOOLANT GRANDUNITSVisual AppearanceClearClarityClearPhysical / ChemicalNoneTotal Dissolved Solids (D1125)ppmPhysical / Chemical"FRefractometer)"FGlycol Content (D3321)%Stotal55			Site:	VCTC
DATE RECEIVED 05-Apr-19 DATE REPORTED 09-Apr-19 LAB NO. 41022167474 SIF NO. 35424224 COMPARTMENT Hrs SAMPLE Hrs COLANT TYPE Coolant COOLANT TYPE Coolant COLANT TYPE Colant COLANT TYPE VINITS Refuse Clear Petroleun Layer None Color Orange Physical / Chemical Total Dissolved Solids (D1125) Total Dissolved Solids (D1125) ppm 1859 Freeze Point (D3321 °F 48 Glycol Content (D3321) <th>Unit No.: Unit Make: Unit Model:</th> <th>320 MCI</th> <th>Compartment Make: Compartment Model:</th> <th>Delo 50/50 ELC Coolant</th>	Unit No.: Unit Make: Unit Model:	320 MCI	Compartment Make: Compartment Model:	Delo 50/50 ELC Coolant
Visual AppearanceClarityClearPetroleum LayerNoneSedimentNoneColorOrangePhysical / ChemicalTotal Dissolved Solids (D1125)ppmFreeze Point (D3321°F-48Refractometer)Glycol Content (D3321)%55	DATE RECEIVED DATE REPORTED LAB NO. SIF NO. COMPARTMENT SAMPLE COOLANT BRAND COOLANT TYPE COOLANT CHANGE WO NUMBER	Hrs D	05-Apr-19 09-Apr-19 41022167474 35424224 Unidentified Coolant	
Boil Point (D3321)°F229Nitrites (Titrimetric/IC D5827)ppm274pH (D1287/Meter)7.6	Clarity Petroleum Layer Sediment Color Physical / Chemical Total Dissolved So Freeze Point (D33 Refractometer) Glycol Content (D3 Boil Point (D3321) Nitrites (Titrimetric	olids (D1125) ppm 21 °F 3321) % °F	None None Orange 1859 -48 55 55 229 274	

DIAGNOSIS:



pH level is normal. Glycol level is normal. Resample at the next scheduled interval.





Coolant Sample Analysis

3 System	Site: Description: Compartment Make: Compartment Model: CompartmentSerial No.:	VCTC Delo 50/50 ELC Coolant
	Compartment Make: Compartment Model:	Delo 50/50 ELC Coolant
	Compartment Make: Compartment Model:	
	23-Mar-19 05-Apr-19 09-Apr-19 41022167475 35424211	
UNITS	Unidentified Coolant RESULTS	
	Clear None None Orange	
	Crange	
ppm	2270	
°F	-38	
%	51	
°F	226	
ppm	106	
	ppm °F % °F	09-Apr-19 41022167475 35424211 Unidentified Coolant UNITS RESULTS Clear None Orange Ppm °F 2270 °F 226 ppm °F 106

DIAGNOSIS:



pH is low. Glycol level is normal. Recommend drain 50% and Re-Inhibit.





Coolant Sample Analysis

		• •	
UIN: Compartment:	071E78D Cooling System	Site:	VCTC
Unit No.:	322	Description:	Delo 50/50 ELC Coolant
Unit Make: Unit Model:	MCI D4505	Compartment Make: Compartment Model:	
Serial No.:		CompartmentSerial No.:	
DATE SAMPLED DATE RECEIVED DATE REPORTED LAB NO. SIF NO. COMPARTMENT SAMPLE COOLANT BRAND	Hrs Hrs	23-Mar-19 05-Apr-19 09-Apr-19 41022167473 35424213 Unidentified	
COOLANT TYPE COOLANT CHANGEE WO NUMBER		Coolant	
TEST/METHOD	UNITS	RESULTS	
Visual Appearance			
Clarity		Clear	
Petroleum Layer		None	
Sediment		None	
Color		Orange	
Physical / Chemical			
Total Dissolved Sol	· · · · · · · · · · · · · · · · · · ·	1701	
Freeze Point (D332 Refractometer)	1 °F	-33	
Glycol Content (D3		49	
Boil Point (D3321)	°F	225	
Nitrites (Titrimetric/I	C D5827) ppm	441	
pH (D1287/Meter)		8.2	
		\bigcirc	

DIAGNOSIS:



pH level is normal. Glycol level is normal. Resample at the next scheduled interval.





Coolant Sample Analysis

UIN: Compartment:	071E780 Cooling System	Site:	VCTC
Unit No.:	323	Description:	Delo 50/50 ELC Coolant
Unit Make: Unit Model: Serial No.:	MCI D4505	Compartment Make: Compartment Model: CompartmentSerial No.:	
	Hrs Hrs	23-Mar-19 05-Apr-19 09-Apr-19 41022167470 35424225 Unidentified Coolant	
WO NUMBER TEST/METHOD	UNITS	RESULTS	
Visual Appearance			
Clarity		Clear	
Petroleum Layer		None	
Sediment		None	
Color		Orange	
Physical / Chemical		-	
Total Dissolved Solid	ds (D1125) ppm	2070	
Freeze Point (D3321 Refractometer)	. ,	-48	
Glycol Content (D33	21) %	55	
Boil Point (D3321)	°F	229	
Nitrites (Titrimetric/IC	C D5827) ppm	159	

DIAGNOSIS:



pH is low. Glycol level is normal. Recommend drain 50% and Re-Inhibit.





Coolant Sample Analysis

UIN: Compartment:	071E79E Cooling System	Site: VCTC	
Unit No.:	324	Description: Delo 50/50 ELC Coolant	
Unit Make: Unit Model: Serial No.:	MCI D4505	Compartment Make: Compartment Model: CompartmentSerial No.:	
DATE SAMPLED DATE RECEIVED DATE REPORTED LAB NO. SIF NO. COMPARTMENT SAMPLE COOLANT BRAND COOLANT TYPE COOLANT CHANGEI WO NUMBER		24-Mar-19 05-Apr-19 09-Apr-19 41022167477 35424219 Unidentified Coolant	
TEST/METHOD	UNITS	RESULTS	
Visual Appearance			
Clarity		Clear	
Petroleum Layer		None	
Sediment		None	
Color		Orange	
Physical / Chemical		1701	
Total Dissolved So		1721	
Freeze Point (D332 Refractometer)	21 °F	-28	
Glycol Content (D3	321) %	47	
Boil Point (D3321)	°F	224	
Nitrites (Titrimetric/		355	
pH (D1287/Meter)	, ,,	8.2	

DIAGNOSIS:



pH level is normal. Glycol level is normal. Resample at the next scheduled interval.





Coolant Sample Analysis

		• •	
UIN: Compartment:	071E784 Cooling System	Site:	VCTC
Unit No.:	325	Description:	Delo 50/50 ELC Coolant
Unit Make: Unit Model: Serial No.:	MCI D4505	Compartment Make: Compartment Model: CompartmentSerial No.:	
DATE SAMPLED DATE RECEIVED DATE REPORTED LAB NO. SIF NO. COMPARTMENT SAMPLE	Hrs Hrs	23-Mar-19 05-Apr-19 09-Apr-19 41022167471 35424221	
COOLANT BRAND COOLANT BRAND COOLANT TYPE COOLANT CHANGEI WO NUMBER TEST/METHOD		Unidentified Coolant RESULTS	
	00		
Visual Appearance Clarity Petroleum Layer Sediment Color		Clear None None Orange	
Physical / Chemical Total Dissolved So Freeze Point (D332		2050 -75	
Refractometer)	<u>-</u> 1 1	-13	
Glycol Content (D3		66	
Boil Point (D3321)	°F	237	
Nitrites (Titrimetric/ pH (D1287/Meter)	IC D5827) ppm	40	
		\bigotimes	

DIAGNOSIS:



pH is low. Glycol level is high. Suggest drain, flush and refill cooling system.



Coolant Sample Analysis

UIN:			
Compartment:	071E7A2 Cooling System	Site: VCTC	
Unit No.: Unit Make: Unit Model: Serial No.:	983 Volvo 9700	Description:Delo 50/50 ELC CoolantCompartment Make:Compartment Model:CompartmentSerial No.:	
DATE SAMPLED DATE RECEIVED DATE REPORTED LAB NO. SIF NO. COMPARTMENT SAMPLE COOLANT BRAND COOLANT TYPE COOLANT CHANGED WO NUMBER TEST/METHOD	Hrs Hrs UNITS	24-Mar-19 05-Apr-19 09-Apr-19 41022167478 35424210 Unidentified Coolant	
Visual Appearance Clarity Petroleum Layer Sediment Color Physical / Chemical Total Dissolved Soli Freeze Point (D332 Refractometer) Glycol Content (D332 Boil Point (D3321)	°F	Clear None None Orange 1881 -38 51 226 94	

DIAGNOSIS:



pH level is normal. Glycol level is normal. Resample at the next scheduled interval.





Coolant Sample Analysis

		• •	
UIN: Compartment:	071E7AA Cooling System	Site:	VCTC
Unit No.: Unit Make: Unit Model: Serial No.:	986 Volvo 9700	Description: Compartment Make: Compartment Model: CompartmentSerial No.:	Delo 50/50 ELC Coolant
DATE SAMPLED DATE RECEIVED DATE REPORTED LAB NO. SIF NO. COMPARTMENT SAMPLE COOLANT BRAND COOLANT TYPE COOLANT CHANGEI WO NUMBER TEST/METHOD	Hrs Hrs D UNITS	24-Mar-19 05-Apr-19 09-Apr-19 41022167469 35424212 Unidentified Coolant	
Visual Appearance Clarity Petroleum Layer Sediment Color Physical / Chemical Total Dissolved So Freeze Point (D332 Refractometer) Glycol Content (D3 Boil Point (D3321) Nitrites (Titrimetric/ pH (D1287/Meter)	21 °F 321) % °F	Clear None None Orange 1983 -48 55 229 238 8.0	

DIAGNOSIS:



pH level is normal. Glycol level is normal. Resample at the next scheduled interval.





Coolant Sample Analysis

UIN: Compartment:	071E7A6 Cooling System	Site: VCTC	
Unit No.:	988	Description: Delo 50/50 ELO	C Coolant
Unit Make: Unit Model: Serial No.:	Volvo 9700	Compartment Make: Compartment Model: CompartmentSerial No.:	
DATE SAMPLED DATE RECEIVED DATE REPORTED		24-Mar-19 05-Apr-19 09-Apr-19	
LAB NO. SIF NO. COMPARTMENT SAMPLE	Hrs Hrs	41022167468 35424214	
COOLANT BRAND COOLANT TYPE COOLANT CHANGEI WO NUMBER		Unidentified Coolant	
TEST/METHOD	UNITS	RESULTS	
Visual Appearance			
Clarity		Clear	
Petroleum Layer		None	
Sediment		None	
Color		Orange	
Physical / Chemical			
Total Dissolved So	lids (D1125) ppm	2230	
Freeze Point (D332 Refractometer)	21 °F	-35	
Glycol Content (D3	321) %	50	
Boil Point (D3321)	°F	225	
Nitrites (Titrimetric/	IC D5827) ppm	135	
pH (D1287/Meter)	,	8.2	
		\bigcirc	

DIAGNOSIS:



pH level is normal. Glycol level is normal. Resample at the next scheduled interval.



					Mileage			
Vehicles	Model	Vehicle	Vehicle	Date of	at Time of			
Inspected	Year	Make	Model	Inspection	Inspection	Category	Defect	A/B
315	2015	MCI	D4505	03/23/19	321,975	Exterior Body Condition	Door, C/S front, body damage	В
315	2015	MCI	D4505	03/23/19	321,975	Exterior Body Condition	Windows, C/S exterior, 3 windows have scrapes	В
315	2015	MCI	D4505	03/23/19	321,975	Exterior Body Condition	Corner panel, C/S rear top corner panel, body damage	В
315	2015	MCI	D4505	03/23/19	321,975	Exterior Body Condition	Windshield, C/S, broken @ bottom	В
315 315	2015 2015	MCI MCI	D4505 D4505	03/23/19 03/23/19	321,975 321,975	Driver's Controls Interior Condition	Mil light, dash, light is on Luggage bay door lock knob, dash, missing	B B
315	2015	MCI	D4505	03/23/19	321,975	Interior Condition	Windows, C/S & S/S interior, 3 windows scratched	B
315	2015	MCI	D4505	03/23/19	321,975	Engine Compartment	Oil leak, engine compartment, oil pan gasket seeping	В
315	2015	MCI	D4505	03/23/19	321,975	Accessibility Features	Kneeling valve, exterior front, no fast recovery on kneeling	В
316	2015	MCI	D4505	03/23/19	256,349	Exterior Body Condition	Body panel, C/S front, body damage	В
316	2015	MCI	D4505	03/23/19	256,349	Interior Condition	Windows, C/S & S/S windows, 3 windows scratched	В
317	2015	MCI	D4505	03/24/19	299,714	Exterior Body Condition	Bumper, front, C/S lower corner damaged	В
317	2015	MCI	D4505	03/24/19	299,714	Exterior Body Condition	Wheel flare, C/S rear, damaged	В
317	2015	MCI	D4505	03/24/19	299,714	Interior Condition	Luggage bay door lock knob, dash, missing	В
317	2015	MCI	D4505	03/24/19	299,714	Interior Condition	Window, C/S, 1 window scratched	В
318	2015	MCI	D4505	03/23/19	350,856	Lights	Light, rear exterior top light, missing screws Windows, C/S & S/S, 3 windows scratched	B B
318 318	2015 2015	MCI MCI	D4505 D4505	03/23/19 03/23/19	350,856 350,856	Interior Condition Interior Condition	Luggage bay door lock knob, dash, missing	B
319	2015	MCI	D4505 D4505	03/24/19	333,592	Exterior Body Condition	Condenser door, S/S sidewall, dented	В
319	2015	MCI	D4505	03/24/19	333,592	Driver's Controls	Check transmission light, dash, light is on	В
319	2015	MCI	D4505	03/24/19	333,592	Engine Compartment	Bathroom drain pipe, leaking above shutoff valve (dirty black water)	В
319	2015	MCI	D4505	03/24/19	333,592	Interior Condition	Windows, C/S & S/S, 6 windows scratched	В
319	2015	MCI	D4505	03/24/19	333,592	Interior Condition	Air diffusers, S/S, broken	В
319	2015	MCI	D4505	03/24/19	333,592	Suspension/Steering	Radius rod bushings, front axle, bad	В
320	2015	MCI	D4505	03/23/19	311,920	Exterior Body Condition	Corner panel, C/S front, body damage	В
320	2015	MCI	D4505	03/23/19	311,920	Exterior Body Condition	Corner panel, S/S rear, top corner has body damage	В
320	2015	MCI	D4505	03/23/19	311,920	Interior Condition	Windows, C/S & S/S, 6 windows scratched	В
320	2015	MCI	D4505	03/23/19	311,920	Interior Condition	Luggage bay door lock knob, dash, missing Windehield washer fluid bettle, front exterior, empty	B B
320 321	2015 2015	MCI MCI	D4505 D4505	03/23/19 03/23/19	311,920 299,609	Driver's Controls Engine Compartment	Windshield washer fluid bottle, front exterior, empty Oil leak, engine compartment, air compressor rear gasket leaking	B
321	2015	MCI	D4505 D4505	03/23/19	299,609	Interior Condition	Windows, C/S & S/S, 2 windows have graffiti scratches	В
322	2015	MCI	D4505	03/23/19	344,382	Interior Condition	Windows, C/S & S/S, 6 windows have scratches	В
322	2015	MCI	D4505	03/23/19	344,382	Interior Condition	Luggage bay door lock knob, dash, missing	В
323	2015	MCI	D4505	03/23/19	348,983	Exterior Body Condition	Corner panel, C/S rear, top corner has body damage	В
323	2015	MCI	D4505	03/23/19	348,983	Exterior Body Condition	Sidewall, S/S under condenser access door, body damage	В
323	2015	MCI	D4505	03/23/19	348,983	Exterior Body Condition	Wheelchair door window, C/S, broken	В
323	2015	MCI	D4505	03/23/19	348,983	Interior Condition	Windows, C/S & S/S, 4 windows scratched	В
323	2015	MCI	D4505	03/23/19	348,983	Engine Compartment	Coolant leak, antifreeze leak @ webasto	В
323	2015	MCI	D4505	03/23/19	348,983	Interior Condition	Luggage bay door lock knob, dash, missing	В
323 324	2015	MCI	D4505 D4505	03/23/19	348,983	Exterior Body Condition	Door arm cover, front door, torn	B B
324 324	2015 2015	MCI MCI	D4505 D4505	03/24/19 03/24/19	299,958 299,958	Driver's Controls Exterior Body Condition	Mil light, dash, light is on Body panel, S/S rear above engine access door, body damage	B
324	2015	MCI	D4505 D4505	03/24/19	299,958	Interior Condition	Luggage bay door lock knob, dash, missing	В
324	2015	MCI	D4505	03/24/19	299,958	Interior Condition	Window, C/S, 1 window scratched	В
325	2015	MCI	D4505	03/23/19	283,481	Interior Condition	Windows, C/S, 2 windows scratched	В
325	2015	MCI	D4505	03/23/19	283,481	Exterior Body Condition	Body panel, S/S rear access door, body damage	В
325	2015	MCI	D4505	03/23/19	283,481	Exterior Body Condition	Door, C/S front, body damage	В
325	2015	MCI	D4505	03/23/19	283,481	Exterior Body Condition	Upper door lock, front door, missing	В
326	2014	Volvo	9700	03/24/19	180,306	Interior Condition	Mirror, front, driver to passenger mirror broken	В
981	2014	Volvo	9700	03/24/19	421,366	Driver's Controls	Mil light, dash, light is on	В
981	2014	Volvo	9700	03/24/19	421,366	Exterior Body Condition	Window, C/S front above entry door, outside glass broken Fog light, S/S front, inop	В
981 981	2014 2014	Volvo Volvo	9700 9700	03/24/19 03/24/19	421,366 421,366	Lights Exterior Body Condition	Sidewall, C/S rear, body damage	B B
981	2014	Volvo	9700	03/24/19	421,366	Interior Condition	Window, C/S & S/S, 6 windows scratched	B
983	2013	Volvo	9700	03/24/19	375,756	Interior Condition	Windows, C/S & S/S, 5 windows scratched	В
983	2013	Volvo	9700	03/24/19	375,756	Engine Compartment	Coolant leak, engine compartment, companion flange leaking	В
983	2013	Volvo	9700	03/24/19	375,756	Engine Compartment	Coolant leak, engine compartment, heater shutoff valves leaking	В
983	2013	Volvo	9700	03/24/19	375,756	Engine Compartment	Oil leak, engine compartment, oil filter pressure sensor seeping	В
983	2013	Volvo	9700	03/24/19	375,756	Engine Compartment	Electrical box, engine compartment, missing latches	В
986	2013	Volvo	9700	03/24/19	370,559	Exterior Body Condition	Sidewall, C/S, body damage	В
986	2013	Volvo	9700	03/24/19	370,559	Driver's Controls	Check engine light, dash, light is on	В
986	2013	Volvo	9700	03/24/19	370,559	Interior Condition	Wheelchair door hinge cover, interior, lower hinge cover missing	В
986	2013	Volvo	9700	03/24/19	370,559	Interior Condition	Windows, C/S & S/S, 3 windows scratched	B
986 088	2013	Volvo	9700	03/24/19	370,559	Engine Compartment	Oil leak, S/S engine compartment, oil leak above starter Windshield, S/S top of driver's windshield, broken	B B
988 988	2013 2013	Volvo Volvo	9700 9700	03/24/19 03/24/19	354,911 354,911	Exterior Body Condition Interior Condition	Windoshield, S/S top of driver's windshield, broken Windows, C/S & S/S, 3 windows scratched	B
988	2013	Volvo	9700	03/24/19	354,911	Exterior Body Condition	Windows, C/S, restroom outer window broken	B
988	2013	Volvo	9700	03/24/19	354,911	Exterior Body Condition	Sidewall, C/S, has damaged spots	В
988	2013	Volvo	9700	03/24/19	354,911	Exterior Body Condition	Sidewall, S/S, has damaged spots	В
988	2013	Volvo	9700	03/24/19	354,911	Exterior Body Condition	Engine door, S/S, body damage	В
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Exhibit B