

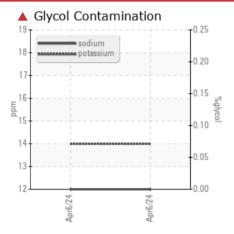


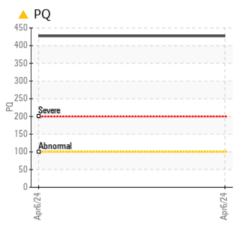
### **PROBLEM SUMMARY**

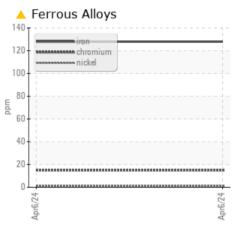
# Équipement de sécurité/sauvetage VOLVO 10B01A (S/N VP7730974-8)

Diesel Engine Fluid MOBIL 1 5W30 (--- GAL)

#### COMPONENT CONDITION SUMMARY







#### RECOMMENDATION

We advise that you check for the source of the coolant leak. We recommend that you change the oil at the next available stoppage or outage. We advise that you flush the component thoroughly before re-filling with oil. We recommend an early resample to monitor this condition.

PROBLEMATIC TEST RESULTS								
Sample Status				SEVERE				
PQ		ASTM D8184*		<u> </u>				
Iron	ppm	ASTM D5185(m)	>100	🔺 128				
Potassium	ppm	ASTM D5185(m)	>20	<u> </u>				
Glycol	%	ASTM D7922*		<b>&gt;</b> .70				

Customer Id: PIERRERAD Sample No.: WC0866063 Lab Number: 02630493 Test Package: MAR 1



To manage this report scan the QR code

*To discuss the diagnosis or test data:* Kevin Marson +1 (289)291-4644 x4644 Kevin.Marson@wearcheck.com

To change component or sample information: Gloria Gonzalez +1 (289)291-4643 x4643 gloria.gonzalez@wearcheck.com GLYCOL

RECOMMENDED ACTIONS						
Action	Status	Date	Done By	Description		
Change Fluid			?	We recommend that you change the oil at the next available stoppage or outage.		
Flush System			?	We advise that you flush the component thoroughly before re-filling with oil.		
Resample			?	We recommend an early resample to monitor this condition.		
Check Glycol Access			?	We advise that you check for the source of the coolant leak.		

HISTORICAL DIAGNOSIS



## Équipement de sécurité/sauvetage VOLVO 10B01A (S/N VP7730974-8)

Diesel Engine Fluid MOBIL 1 5W30 (--- GAL)

#### DIAGNOSIS

#### Recommendation

We advise that you check for the source of the coolant leak. We recommend that you change the oil at the next available stoppage or outage. We advise that you flush the component thoroughly before re-filling with oil. We recommend an early resample to monitor this condition.

#### 🔺 Wear

PQ levels are abnormal. Iron ppm levels are abnormal. Cylinder, crank, or cam shaft wear is indicated. The high ferrous density (PQ) index indicates that abnormal wear is occurring.

#### Contamination

Test for glycol is positive. There is a high concentration of glycol present in the oil.

#### Fluid Condition

The oil is no longer serviceable as a result of the abnormal and/or severe wear.

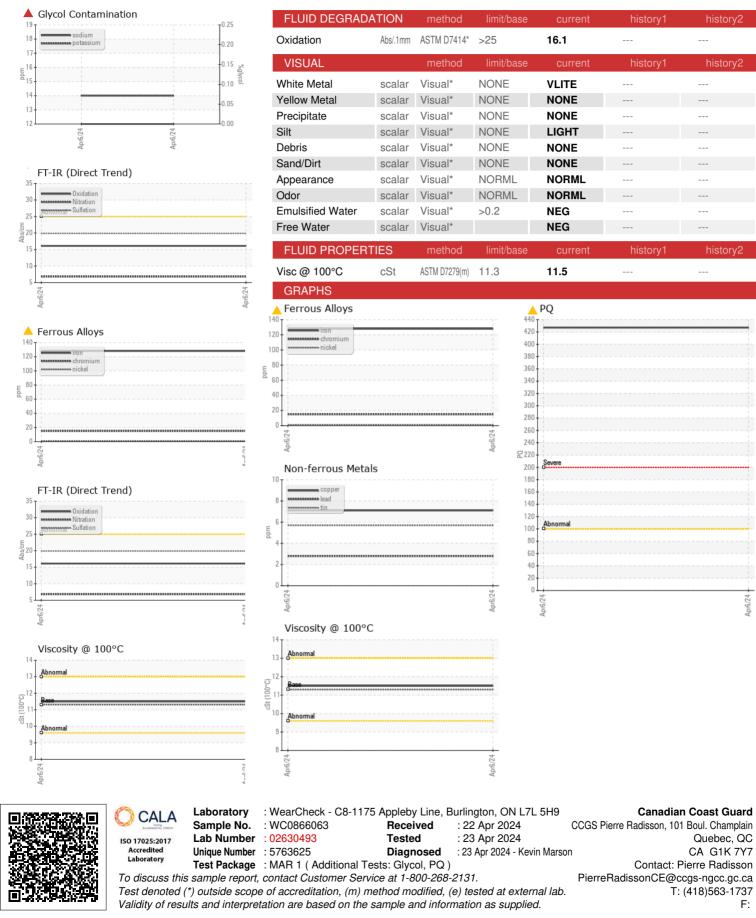
Machine Age         hrs         Client Info         0             Oil Age         hrs         Client Info         N/A             Sample Status         Client Info         N/A             CONTAMINATION         method         Innitbase         current         history1         history2           Fuel         WC Method         >6.0         <1.0             WEAR METALS         method         Innitbase         current         history1         history2           PQ         ASTM 05165000         >2.0         15             Nickel         ppm         ASTM 05165000         >2.0         15             Aluminum         ppm         ASTM 05165000         >2.2         1             Aluminum         ppm         ASTM 05165000         >2.2         1             Aluminum         ppm         ASTM 05165000         >2.2         1             Aluminum         ppm         ASTM 05165000         2.2         0					Apr2024		
Sample Date         Client Info         06 Apr 2024             Machine Age         hrs         Client Info         0             Oil Age         hrs         Client Info         7             Sample Status         Client Info         N/A             CONTAMINATION         method         Imit/base         current         history1         history2           Fuel         WC Method         >0.2         NEG             WEAR METALS         method         Imit/base         current         history1         history2           PQ         ASTM 05/85(m)         >20         15             WEAR METALS         method         Imit/base         current         history1         history2           PQ         ASTM 05/85(m)         >20         15              Silver         ppm         ASTM 05/85(m)         >20         15             Astm 05/85(m)         >25         7               Abitronium         ppm         ASTM 05	SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Date         Client Info         06 Apr 2024             Machine Age         hrs         Client Info         0             Oil Age         hrs         Client Info         N/A             Sample Status         Client Info         N/A             CONTAMINATION         method         Imit/base         current         history1         history2           Fuel         WC Method         >6.0         <1.0	Sample Number		Client Info		WC0866063		
Machine Age         hrs         Client Info         0             Oil Age         hrs         Client Info         7             Sample Status         Client Info         N/A             Sample Status         Client Info         SEVERE             CONTAMINATION         method         Innitbase         current         history1         history2           Fuel         WC Method         >0.2         NEG             WEAR METALS         method         Innitbase         current         history1         history2           PQ         ASTM 0516500         >20         15             Nickel         ppm         ASTM 0516500         >20         15             Aluminum         ppm         ASTM 0516500         >22         1              Aluminum         ppm         ASTM 0516500         >22         1              Aluminum         ppm         ASTM 0516500         >2         0	Sample Date		Client Info		06 Apr 2024		
Oil Changed         Client Info         N/A             Sample Status         Imit/base         current         history1         history2           CONTAMINATION         method         imit/base         current         history1         history2           Fuel         WC Method         >0.0         NEG             WEAR METALS         method         imit/base         current         history1         history2           PQ         ASTM Disk(m)         >100         128             Nickel         ppm         ASTM Disk(m)         >20         15             Silver         ppm         ASTM Disk(m)         >22         1             Aluminum         ppm         ASTM Disk(m)         >25         7             Aluminum         ppm         ASTM Disk(m)         >330         7             Aluminum         ppm         ASTM Disk(m)         >330         7             ASTM Disk(m)         >330         7              ASTM Disk(m)	Machine Age	hrs	Client Info		-		
Sample Status         method         Imit/base         current         history1         history2           Fuel         WC Method         >6.0         <1.0	Oil Age	hrs	Client Info		7		
CONTAMINATION         method         limit/base         current         history1         history2           Fuel         WC Method         >6.0         <1.0	Oil Changed		Client Info		N/A		
Fuel         WC Method         >6.0         <1.0             Water         WC Method         >0.2         NEG             WEAR METALS         method         limit/base         current         history1         history2           PQ         ASTM D8184/         427              Iron         ppm         ASTM D5185(m)         >20         15             Chromium         ppm         ASTM D5185(m)         >20         1             Nickel         ppm         ASTM D5185(m)         >22         0             Silver         ppm         ASTM D5185(m)         >25         7             Copper         ppm         ASTM D5185(m)         >25         6             Lead         ppm         ASTM D5185(m)         >330         7             Vanadium         ppm         ASTM D5185(m)         >15         6             Antimony         ppm         ASTM D5185(m)         0 </td <td>Sample Status</td> <td></td> <td></td> <td></td> <td>SEVERE</td> <td></td> <td></td>	Sample Status				SEVERE		
Water         WC Method         >0.2         NEG            WEAR METALS         method         limil/base         current         history1         history2           PQ         ASTM D8184/         427             Iron         ppm         ASTM D5185(m)         >20         15            Nickel         ppm         ASTM D5185(m)         >2         1            Nickel         ppm         ASTM D5185(m)         >2         0            Nickel         ppm         ASTM D5185(m)         >2         0            Aluminum         ppm         ASTM D5185(m)         >2         0             Aluminum         ppm         ASTM D5185(m)         >2         0             Aluminum         ppm         ASTM D5185(m)         >30.0         7             Aluminum         ppm         ASTM D5185(m)         >30.0         7             Copper         ppm         ASTM D5185(m)         >30.0         7             Antimony         ppm         ASTM D5185(m) <td>CONTAMINATIC</td> <td>N</td> <td>method</td> <td>limit/base</td> <td>current</td> <td>history1</td> <td>history2</td>	CONTAMINATIC	N	method	limit/base	current	history1	history2
WEAR METALS         method         limit/base         current         history1         history2           PQ         ASTM D8164*         427              Chromium         ppm         ASTM D5185(m)         >100         128             Nickel         ppm         ASTM D5185(m)         >20         15             Nickel         ppm         ASTM D5185(m)         >20         1             Aluminum         ppm         ASTM D5185(m)         >2         0             Aluminum         ppm         ASTM D5185(m)         >2         0             Lead         ppm         ASTM D5185(m)         >2         7             Lead         ppm         ASTM D5185(m)         >330         7             Antimony         ppm         ASTM D5185(m)         0              Antimony         ppm         ASTM D5185(m)         0              Beryllium         ppm         ASTM D5185(m)         0<	Fuel		WC Method	>6.0	<1.0		
PQ         ASTM D8184'         ▲ 427             Iron         ppm         ASTM D5165(m)         >100         ▲ 128             Chromium         ppm         ASTM D5165(m)         >20         15             Nickel         ppm         ASTM D5165(m)         >2         1             Silver         ppm         ASTM D5165(m)         >2         0             Aluminum         ppm         ASTM D5165(m)         >2         0             Lead         ppm         ASTM D5165(m)         >2         7             Lead         ppm         ASTM D5165(m)         >15         6             Antimony         ppm         ASTM D5165(m)         0              Vanadium         ppm         ASTM D5165(m)         0              Antimony         ppm         ASTM D5165(m)         0              Cadmium         ppm         ASTM D5165(m)         0.0	Water		WC Method	>0.2	NEG		
Irron       ppm       ASTM D5185(m)       >100       ▲ 128           Chromium       ppm       ASTM D5185(m)       >20       15           Nickel       ppm       ASTM D5185(m)       >2       1           Nickel       ppm       ASTM D5185(m)       >2       0           Aluminum       ppm       ASTM D5185(m)       >25       7           Aluminum       ppm       ASTM D5185(m)       >25       7           Lead       ppm       ASTM D5185(m)       >20       7           Copper       ppm       ASTM D5185(m)       >330       7           Antimony       ppm       ASTM D5185(m)        6           Antimony       ppm       ASTM D5185(m)       0            Astm D5185(m)       0.0       0             Astm D5185(m)       0.0       0             Astm D5185(m)       0.0       0	WEAR METALS		method	limit/base	current	history1	history2
Chromium         ppm         ASTM D5/85(m)         >20         15             Nickel         ppm         ASTM D5/85(m)         >2         1             Silver         ppm         ASTM D5/85(m)         >2         0             Aluminum         ppm         ASTM D5/85(m)         >2         0             Lead         ppm         ASTM D5/85(m)         >25         7             Copper         ppm         ASTM D5/85(m)         >330         7             Copper         ppm         ASTM D5/85(m)         >15         6             Antimony         ppm         ASTM D5/85(m)         0              Vanadium         ppm         ASTM D5/85(m)         0              Cadmium         ppm         ASTM D5/85(m)         0              ADDITIVES         method         limit/base         current         history1         history2           Barium         ppm         ASTM D5/85(m)	PQ		ASTM D8184*		<b>427</b>		
Chromium         ppm         ASTM D5/85(m)         >20         15             Nickel         ppm         ASTM D5/85(m)         >2         1             Silver         ppm         ASTM D5/85(m)         >2         0             Aluminum         ppm         ASTM D5/85(m)         >2         0             Lead         ppm         ASTM D5/85(m)         >25         7             Copper         ppm         ASTM D5/85(m)         >330         7             Copper         ppm         ASTM D5/85(m)         >15         6             Antimony         ppm         ASTM D5/85(m)         0              Vanadium         ppm         ASTM D5/85(m)         0              Cadmium         ppm         ASTM D5/85(m)         0              ADDITIVES         method         limit/base         current         history1         history2           Barium         ppm         ASTM D5/85(m)	Iron	ppm	ASTM D5185(m)	>100	<u> </u>		
Titanium       ppm       ASTM D5185(m)       0           Silver       ppm       ASTM D5185(m)       >2       0           Aluminum       ppm       ASTM D5185(m)       >25       7           Lead       ppm       ASTM D5185(m)       >440       3           Copper       ppm       ASTM D5185(m)       >330       7           Attimony       ppm       ASTM D5185(m)       <1           Vanadium       ppm       ASTM D5185(m)       0           Vanadium       ppm       ASTM D5185(m)       0           ADDITIVES       method       limit/base       current       history1       history2         Barium       ppm       ASTM D5185(m)       94       68           Maganese       ppm       ASTM D5185(m)       0.0       0           Magnesium       ppm       ASTM D5185(m)       0.0       26           Magnesium       ppm       ASTM D5185(m)       20	Chromium	ppm		>20	15		
Titanium       ppm       ASTM D5/85(m)       0           Silver       ppm       ASTM D5/85(m)       >2       0           Aluminum       ppm       ASTM D5/85(m)       >25       7           Lead       ppm       ASTM D5/85(m)       >330       7           Copper       ppm       ASTM D5/85(m)       >330       7           Antimony       ppm       ASTM D5/85(m)       <1	Nickel		ASTM D5185(m)	>2	1		
Aluminum         ppm         ASTM D5185(m)         >25         7             Lead         ppm         ASTM D5185(m)         >40         3             Copper         ppm         ASTM D5185(m)         >330         7             Tin         ppm         ASTM D5185(m)         >15         6             Antimony         ppm         ASTM D5185(m)         <1	Titanium	ppm	ASTM D5185(m)		0		
Lead         ppm         ASTM D5185(m)         >40         3             Copper         ppm         ASTM D5185(m)         >330         7             Tin         ppm         ASTM D5185(m)         >15         6             Antimony         ppm         ASTM D5185(m)         >15         6             Vanadium         ppm         ASTM D5185(m)         0             Beryllium         ppm         ASTM D5185(m)         0             ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185(m)         0.0         0             Molybdenum         ppm         ASTM D5185(m)         0.0         26             Magnesium         ppm         ASTM D5185(m)         1388         740             Magnesium         ppm         ASTM D5185(m)         720         651             Sulfur         ppm         ASTM D5185(m)         2240	Silver	ppm	ASTM D5185(m)	>2	0		
Copper         ppm         ASTM D5185(m)         >330         7             Tin         ppm         ASTM D5185(m)         >15         6             Antimony         ppm         ASTM D5185(m)         <1	Aluminum	ppm	ASTM D5185(m)	>25	7		
Tin         ppm         ASTM D5185(m)         >15         6             Antimony         ppm         ASTM D5185(m)         <1	Lead	ppm	ASTM D5185(m)	>40	3		
Antimony         ppm         ASTM D5185(m)         <1             Vanadium         ppm         ASTM D5185(m)         0             Beryllium         ppm         ASTM D5185(m)         0             Cadmium         ppm         ASTM D5185(m)         0             ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185(m)         9.4         6.8             Molybdenum         ppm         ASTM D5185(m)         0.0         0             Marganese         ppm         ASTM D5185(m)         0.0         26             Marganese         ppm         ASTM D5185(m)         1388         740             Calcium         ppm         ASTM D5185(m)         82.0         1060             Sulfur         ppm         ASTM D5185(m)         72.0         651             Sulfur         ppm         ASTM D5185(m)         2240         1709	Copper	ppm	ASTM D5185(m)	>330	7		
Vanadium         ppm         ASTM D5185(m)         0             Beryllium         ppm         ASTM D5185(m)         0             Cadmium         ppm         ASTM D5185(m)         0             ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185(m)         94         68             Molybdenum         ppm         ASTM D5185(m)         0.0         0             Manganese         ppm         ASTM D5185(m)         0.0         26             Magnesium         ppm         ASTM D5185(m)         0.0         26             Calcium         ppm         ASTM D5185(m)         1388         740             Calcium         ppm         ASTM D5185(m)         720         651             Sulfur         ppm         ASTM D5185(m)         720         1709             Sulfur         ppm         ASTM D5185(m)         225         13	Tin	ppm	ASTM D5185(m)	>15	6		
Beryllium         ppm         ASTM D5185(m)         0             Cadmium         ppm         ASTM D5185(m)         Imit/base         current         history1         history2           ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185(m)         94         68             Barium         ppm         ASTM D5185(m)         0.0         0             Magnesium         ppm         ASTM D5185(m)         0.0         266             Magnesium         ppm         ASTM D5185(m)         0.0         266             Magnesium         ppm         ASTM D5185(m)         0.0         266             Magnesium         ppm         ASTM D5185(m)         1388         740             Calcium         ppm         ASTM D5185(m)         720         651             Sulfur         ppm         ASTM D5185(m)         2240         1709             Soliuon         ppm <th< td=""><td>Antimony</td><td>ppm</td><td>ASTM D5185(m)</td><td></td><td>&lt;1</td><td></td><td></td></th<>	Antimony	ppm	ASTM D5185(m)		<1		
Cadmium         ppm         ASTM D5185(m)         0             ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185(m)         94         68             Barium         ppm         ASTM D5185(m)         0.0         0             Molybdenum         ppm         ASTM D5185(m)         0.0         26             Manganese         ppm         ASTM D5185(m)         0.0         26             Magnesium         ppm         ASTM D5185(m)         0.0         26             Magnesium         ppm         ASTM D5185(m)         820         1060             Calcium         ppm         ASTM D5185(m)         720         651             Sulfur         ppm         ASTM D5185(m)         720         1160             Sulfur         ppm         ASTM D5185(m)         2240         1709             Solicon         ppm         ASTM	Vanadium	ppm	ASTM D5185(m)		0		
ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185(m)         94         68             Barium         ppm         ASTM D5185(m)         0.0         0             Molybdenum         ppm         ASTM D5185(m)         0.0         26             Magnesium         ppm         ASTM D5185(m)         1388         740             Calcium         ppm         ASTM D5185(m)         1388         740             Calcium         ppm         ASTM D5185(m)         1388         740             Calcium         ppm         ASTM D5185(m)         820         10600             Calcium         ppm         ASTM D5185(m)         720         651             Sulfur         ppm         ASTM D5185(m)         2240         1709             CONTAMINANTS         method         limit/base         current         history1         history2           Sodium         ppm<	Beryllium	ppm	ASTM D5185(m)		0		
Boron         ppm         ASTM D5185(m)         94         68             Barium         ppm         ASTM D5185(m)         0.0         0             Molybdenum         ppm         ASTM D5185(m)         0.0         26             Manganese         ppm         ASTM D5185(m)         0.0         26             Magnesium         ppm         ASTM D5185(m)         1388         740             Calcium         ppm         ASTM D5185(m)         1388         740             Calcium         ppm         ASTM D5185(m)         820         1060             Calcium         ppm         ASTM D5185(m)         720         651             Zinc         ppm         ASTM D5185(m)         780         718             Sulfur         ppm         ASTM D5185(m)         2240         1709             CONTAMINANTS         method         limit/base         current         history1         history2           Sodium         p	Cadmium	ppm	ASTM D5185(m)		0		
Barium         ppm         ASTM D5185(m)         0.0         0             Molybdenum         ppm         ASTM D5185(m)         0.0         26             Manganese         ppm         ASTM D5185(m)         <1	ADDITIVES		method	limit/base	current	history1	history2
Barium         ppm         ASTM D5185(m)         0.0         0             Molybdenum         ppm         ASTM D5185(m)         0.0         26             Manganese         ppm         ASTM D5185(m)         <<1	Boron	maa	ASTM D5185(m)	94	68		
Molybdenum         ppm         ASTM D5185(m)         0.0         26             Manganese         ppm         ASTM D5185(m)         1388         740             Magnesium         ppm         ASTM D5185(m)         1388         740             Calcium         ppm         ASTM D5185(m)         820         1060             Calcium         ppm         ASTM D5185(m)         720         651             Zinc         ppm         ASTM D5185(m)         780         718             Sulfur         ppm         ASTM D5185(m)         2240         1709             CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185(m)         >25         13             Sodium         ppm         ASTM D5185(m)         >20         14             Potassium         ppm         ASTM D7824*         >3         0             INFRA-RED         <			( )				
Manganese         ppm         ASTM D5185(m)         <1             Magnesium         ppm         ASTM D5185(m)         1388         740             Calcium         ppm         ASTM D5185(m)         820         1060             Phosphorus         ppm         ASTM D5185(m)         720         651             Zinc         ppm         ASTM D5185(m)         780         718             Sulfur         ppm         ASTM D5185(m)         2240         1709             Lithium         ppm         ASTM D5185(m)         2240         1709             Sulfur         ppm         ASTM D5185(m)         2240         1709             Lithium         ppm         ASTM D5185(m)         225         13             Sodium         ppm         ASTM D5185(m)         >20         14             Potassium         ppm         ASTM D5185(m)         >20         14             INFRA-RED         method         limit/							
Magnesium         ppm         ASTM D5185(m)         1388         740             Calcium         ppm         ASTM D5185(m)         820         1060             Phosphorus         ppm         ASTM D5185(m)         720         651             Zinc         ppm         ASTM D5185(m)         780         718             Sulfur         ppm         ASTM D5185(m)         2240         1709             Lithium         ppm         ASTM D5185(m)         2240         1709             CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185(m)         >25         13             Sodium         ppm         ASTM D5185(m)         >20         14             Potassium         ppm         ASTM D5185(m)         >20         14             INFRA-RED         method         limit/base         current         history1         history2           Soot %         % </td <td></td> <td></td> <td>. 7</td> <td></td> <td>-</td> <td></td> <td></td>			. 7		-		
Calcium         ppm         ASTM D5185(m)         820         1060             Phosphorus         ppm         ASTM D5185(m)         720         651             Zinc         ppm         ASTM D5185(m)         780         718             Sulfur         ppm         ASTM D5185(m)         2240         1709             Lithium         ppm         ASTM D5185(m)         2240         1709             CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185(m)         >25         13             Sodium         ppm         ASTM D5185(m)         >20         14             Potassium         ppm         ASTM D5185(m)         >20         14             INFRA-RED         method         limit/base         current         history1         history2           Soot %         %         ASTM D7844*         >3         0        Nitration         Abs/cm         ASTM	-			1388			
Phosphorus         ppm         ASTM D5185(m)         720         651             Zinc         ppm         ASTM D5185(m)         780         718             Sulfur         ppm         ASTM D5185(m)         2240         1709             Lithium         ppm         ASTM D5185(m)         2240         1709             CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185(m)         >25         13             Sodium         ppm         ASTM D5185(m)         >20         14             Potassium         ppm         ASTM D5185(m)         >20         14             INFRA-RED         method         limit/base         current         history1         history2           Soot %         %         ASTM D7844*         >3         0             Nitration         Abs/cm         ASTM D7624*         >20         6.8	-		( )		-		
Zinc         ppm         ASTM D5185(m)         780         718             Sulfur         ppm         ASTM D5185(m)         2240         1709             Lithium         ppm         ASTM D5185(m)         2240         1709             CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185(m)         >25         13             Sodium         ppm         ASTM D5185(m)         >25         13             Potassium         ppm         ASTM D5185(m)         >20         14             Glycol         %         ASTM D7922*         >70              INFRA-RED         method         limit/base         current         history1         history2           Soot %         %         ASTM D7844*         >3         0             Nitration         Abs/cm         ASTM D7624*         >20         6.8			× 7	720			
Sulfur         ppm         ASTM D5185(m)         2240         1709             Lithium         ppm         ASTM D5185(m)         2240         1709             CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185(m)         >25         13             Sodium         ppm         ASTM D5185(m)         >25         13             Potassium         ppm         ASTM D5185(m)         >20         14             Glycol         %         ASTM D7922*         Imit/base         current         history1         history2           Soot %         %         ASTM D7844*         >3         0             Nitration         Abs/cm         ASTM D7624*         >20         6.8	•		( )				
Lithium         ppm         ASTM D5185(m)         <1             CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185(m)         >25         13             Sodium         ppm         ASTM D5185(m)         >25         13             Sodium         ppm         ASTM D5185(m)         >20         12             Potassium         ppm         ASTM D5185(m)         >20         14             Glycol         %         ASTM D7922*         A         >.70             INFRA-RED         method         limit/base         current         history1         history2           Soot %         %         ASTM D7844*         >3         0             Nitration         Abs/cm         ASTM D7624*         >20         6.8							
Silicon         ppm         ASTM D5185(m)         >25         13             Sodium         ppm         ASTM D5185(m)         12             Potassium         ppm         ASTM D5185(m)         >20         14             Glycol         %         ASTM D7922*         ▲ >.70              INFRA-RED         method         limit/base         current         history1         history2           Soot %         %         ASTM D7844*         >3         0             Nitration         Abs/cm         ASTM D7624*         >20         6.8	Lithium						
Sodium         ppm         ASTM D5185(m)         12             Potassium         ppm         ASTM D5185(m)         >20         14             Glycol         %         ASTM D7922* <a>&gt;.70</a> INFRA-RED         method         limit/base         current         history1         history2           Soot %         %         ASTM D7844*         >3         0             Nitration         Abs/cm         ASTM D7624*         >20         6.8	CONTAMINANT	S	method	limit/base	current	history1	history2
Potassium         ppm         ASTM D5185(m)         >20         14             Glycol         %         ASTM D7922*         >70              INFRA-RED         method         limit/base         current         history1         history2           Soot %         %         ASTM D7844*         >3         0             Nitration         Abs/cm         ASTM D7624*         >20         6.8	Silicon	ppm	ASTM D5185(m)	>25	13		
Potassium         ppm         ASTM D5185(m)         >20         ▲ 14             Glycol         %         ASTM D7922*         ▲ >.70             INFRA-RED         method         limit/base         current         history1         history2           Soot %         %         ASTM D7844*         >3         0             Nitration         Abs/cm         ASTM D7624*         >20         6.8	Sodium	ppm	ASTM D5185(m)		12		
INFRA-RED     method     limit/base     current     history1     history2       Soot %     %     ASTM D7844*     >3     0         Nitration     Abs/cm     ASTM D7624*     >20     6.8	Potassium		ASTM D5185(m)	>20	<b>1</b> 4		
Soot %         %         ASTM D7844*         >3         0             Nitration         Abs/cm         ASTM D7624*         >20         6.8	Glycol	%	ASTM D7922*		<b>▲</b> >.70		
Nitration         Abs/cm         ASTM D7624*         >20         6.8	INFRA-RED		method	limit/base	current	history1	history2
Nitration         Abs/cm         ASTM D7624*         >20         6.8	Soot %	%	ASTM D7844*	>3	0		
	Sulfation				19.9		



GLYCOL



### **OIL ANALYSIS REPORT**



Contact/Location: Pierre Radisson - PIERRERAD