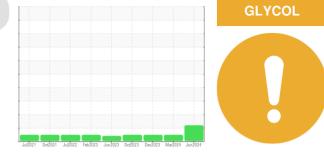


OIL ANALYSIS REPORT

Sample Rating Trend



5592 **Diesel Engine**

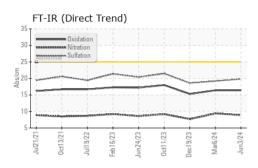
Machine Id

PETRO CANADA DURON SHP 10W30 (--- LTR)

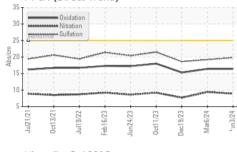
Perconnectation OFFUnition OF	DIAGNOSIS	SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Check or low coolent level. The oil change at here and source of the second of the	Recommendation	Sample Number		Client Info		GFL0118979	GFL0102616	GFL0101695
time of sampling has been noted. We recommend Wain eadly resample to monitor this condition. Oil Age his Oilent info Oil O Oil Age Main comment wear rates are normal. Containable Client info Indices Client info Oil Age No Water treatment chemicals present, indicating solve the oil of any containistics. There is no contain iesk. Test for group is negative. There is no contain iesk. Test for group is negative. There is no contain iesk. Test for group is negative. There is no contain iesk. Test for group is negative. There is no contain iesk. Test for group is negative. There is no contain iesk. Test for group is negative. There is no contain iesk. Test for group is negative. There is no contain iesk. Test for group is negative. There is no contain iesk. Test for group is negative. There is no contain iesk. Test for group is negative. There is no contain iesk. Test for group is negative. There is no contain iesk. Test for group is negative. The contain is no contain iesk. Test for group is negative. There is no contain iesk. Test for group is negative. The contain is no contain iesk. Test for group is negative. The contain is no contain iesk. Test for group is negative. The contain is no contain iesk. Test for group is negative. The contain is no contain iesk. Test for group is negative. The contain is no contain iesk. Test for group is negative. The contain is no contain iesk. Test for group is negative. The contain is no contain iesk. Test for group is negative. The contain is no contain iesk. Test for group is negative. The contain is no contain iesk. Test for group is negative. The contain is no contain iesk. Test for group is netain if no contain iesk. Test for group is negative.		Sample Date		Client Info		03 Jun 2024	06 Mar 2024	19 Dec 2023
An early resample to monitor this condition. Ware Coll Age his Client Info 0 0 0 Water Coll Changed Client Info Changed Changed N/A Sample Status Client Info Changed Changed N/A Sample Status Intert Info Changed Changed N/A Sample Status Intert Info Changed Changed N/A Sample Status Intert Info Client Info Changed Changed N/A The condition of the oil is acceptable for the time in service (see recommendation). Fuel WC Method 20 <10 11 8 Nicker ppm ASTM05559 >120 10 11 8 Nicker ppm ASTM05559 >20 <1 <1 1 Nicker ppm ASTM05559 >20 0 0 0 0 Silver ppm ASTM05559 >20 0 0 0 0 0 0 0 0 0 0 0	time of sampling has been noted. We recommend		hrs	Client Info		1186586	27612	27049
Wear Col:Changed Clemt Into Changed NA All component wear rates are normal. Sample Status Image Status Image Status NORMAL NORMAL NORMAL Water treatment chemicals present, indicating store indication of any containiants in the oil. CONTAMINATION method Image Status Image Status Image Status NEG NEG NEG Fuild Condition of the oil is acceptable for the time in service (see recommendation). Fuild Condition NIM Stellin S20 <10 11 8 Orromium ppm ASTIL058(m) S2 0 0 0 0 Nickel ppm ASTIL058(m) S20 2 3 3 Corromium ppm ASTIL058(m) S20 2 3 3 Silver ppm ASTIL058(m) S20 2 3 3 Copper ppm ASTIL058(m) S20 2 3 3 Lead ppm ASTIL058(m) S20 2 3 3	an early resample to monitor this condition.	-						
All component wear rates are normal. Sample Status ATTENTION NORMAL NORMAL NORMAL Containation Wate treatment chemicals present, indicating slow coolarnit leak. Test for glycol is negative. There is on indication of any contamination in the oil. Fuel W0 Method >3.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 NEG <1.0 <1.0 <1.0 <1.0 <1.0 NEG <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 0	Wear	-				-		
Water treatment chanicals present, indicating slow ordenti leak. Thesi for gloval inequitive. There is no indication of any contamination in the oil. CONTAMINATION method unablesite Condition The condition of the oil is acceptable for the time is service (see recommendation). The condition of the oil is acceptable for the time is service (see recommendation). NEG NEG NEG Water With Method S.0.2 NEG NEG NEG The condition of the oil is acceptable for the time is service (see recommendation). Neg Neg Neg Neg With Wethod S.0.2 NEG NEG NEG The condition of the oil is acceptable for the time is service (see recommendation). Neg Neg Neg Neg Vition Silving Ppm ASTIL 0588811 >2.0 0 0 0 Silving Silving Ppm MSTIL 0588811 >2.0 0 0 0 Silving Silving Ppm MSTIL 0588811 >3.0 2 4 2 The addition of any contamination in the oils Silving Silving Silving Silving 0 0 0	All component wear rates are normal.	-				-	•	
Coolant leak. Test for gloop is negative. There is no indication of any contamination in the oil. Fuel WC Method S.0. -1.0 <1.0		CONTAMINAT	ION	method	limit/base	current	history1	history2
Fluid Condition Network		Fuel		WC Method	>3.0	<1.0	<1.0	<1.0
The condition of the oil is acceptable for the time in service (see recommendation). WEAR METALS Institution Control Institution		Water			>0.2	NEG	NEG	NEG
Chromium ppm ASTM DS185m >20 <1		WEAR METAL	S	method	limit/base	current	history1	history2
Nickel ppm ASTIU D5183(m) >5 <1	service (see recommendation).	Iron	ppm	ASTM D5185(m)	>120	10	11	8
Titanium ppm ASTM 25185m >2 0 0 0 Silver ppm ASTM 25185m >2 0 0 0 Aluminum ppm ASTM 25185m >20 2 3 3 1 Lead ppm ASTM 25185m >330 2 4 2 2 1 0 -1 Copper ppm ASTM 25185m >330 2 4 2 2 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 <th></th> <th>Chromium</th> <th>ppm</th> <th>ASTM D5185(m)</th> <th>>20</th> <th><1</th> <th><1</th> <th><1</th>		Chromium	ppm	ASTM D5185(m)	>20	<1	<1	<1
Silver ppm ASTM D5185(m) >20 0 0 0 Auminum ppm ASTM D5185(m) >300 2 3 3 Lead ppm ASTM D5185(m) >300 2 4 2 Copper ppm ASTM D5185(m) >15 0 0 0 Antimony ppm ASTM D5185(m) >15 0 0 0 Vanadium ppm ASTM D5185(m) 15 0 0 0 Vanadium ppm ASTM D5185(m) 10 0 0 0 Beryllium ppm ASTM D5185(m) 0 0 0 0 ADDITIVES method unit/bass current historyl historyl Boron ppm ASTM D5185(m) 0 6 7 61 5 Bruignesium ppm ASTM D5185(m) 50 920 983 949 Calcium ppm ASTM D5185(m) 950 920 988 983 Calcium ppm ASTM D5185(m)		Nickel	ppm	ASTM D5185(m)	>5	<1	<1	<1
Aluminum ppm ASTM D5186m >>20 2 3 3 Lead ppm ASTM D5186m >40 1 0.0 <1 Copper ppm ASTM D5186m >3300 2 4 2 Tin ppm ASTM D5186m >3500 0 0 0 Antimony ppm ASTM D5186m 0 0 0 0 Vanadium ppm ASTM D5186m 0 0 0 0 Cadmium ppm ASTM D5186m 0 0 0 0 Cadmium ppm ASTM D5186m 0 0 0 0 Boron ppm ASTM D5186m 0 0 0 0 0 Molybdenum ppm ASTM D5186m 50 67 61 58 Manganese ppm ASTM D5186m 950 920 983 949 Calcium ppm ASTM D5186m 1005 1035 1047 1041 Phosphorus ppm ASTM D5186m 1050		Titanium	ppm	ASTM D5185(m)	>2	0	0	0
Lead ppm ASTM 05165(m) >40 1 0 <1 Copper ppm ASTM 05165(m) >330 2 4 2 Tin ppm ASTM 05165(m) >15 0 0 0 Antimony ppm ASTM 05165(m) 0 0 0 0 Vanadium ppm ASTM 05165(m) 0 0 0 0 Vanadium ppm ASTM 05165(m) 0 0 0 0 Beryllium ppm ASTM 05165(m) 0 0 0 0 ADDITIVES method Imitbase current history1 history2 Boron ppm ASTM 05165(m) 0 0 0 0 Malganese ppm ASTM 05165(m) 50 67 61 58 Manganese ppm ASTM 05165(m) 950 920 988 983 Zinc ppm ASTM 05165(m) 950 920 988 983 Zinc ppm ASTM 05165(m) 950 920 </th <th></th> <th>Silver</th> <th>ppm</th> <th>ASTM D5185(m)</th> <th>>2</th> <th>0</th> <th>0</th> <th>0</th>		Silver	ppm	ASTM D5185(m)	>2	0	0	0
Copper ppm ASTM D5165m >330 2 4 2 Tin ppm ASTM D5165m >15 0 0 0 Antimony ppm ASTM D5165m 0 0 0 0 Vanadium ppm ASTM D5165m 0 0 0 0 Beryllium ppm ASTM D5165m 0 0 0 0 Cadmium ppm ASTM D5165m 0 0 0 0 Boron ppm ASTM D5165m 0 0 0 0 Molybdenum ppm ASTM D5165m 0 0 0 0 Maganese ppm ASTM D5165m 0 67 61 58 Manganese ppm ASTM D5165m 0 0 1047 1041 Phosphorus ppm ASTM D5165m 1035 1047 1041 Phosphorus ppm ASTM D5165m 950 980 983 21		Aluminum	ppm	ASTM D5185(m)	>20	2	3	3
Copper ppm ASTM D5185/m >33.0 2 4 2 Tin ppm ASTM D5185/m >15 0 0 0 Antimony ppm ASTM D5185/m 0 0 0 0 Vanadium ppm ASTM D5185/m 0 0 0 0 Beryllium ppm ASTM D5185/m 0 0 0 0 Cadmium ppm ASTM D5185/m 0 0 0 0 Boron ppm ASTM D5185/m 0 0 0 0 Molybdenum ppm ASTM D5185/m 0 0 0 0 Magneses ppm ASTM D5185/m 0 67 61 58 Magnesium ppm ASTM D5185/m 1050 1035 1047 1041 Phosphorus ppm ASTM D5185/m 1050 1035 1047 1041 Phosphorus ppm ASTM D5185/m 1050 24		Lead	ppm	ASTM D5185(m)	>40	1	0	<1
Tin ppm ASTM 05185/m >15 0 0 0 Antimony ppm ASTM 05185/m 0 0 0 Vanadium ppm ASTM 05185/m 0 0 0 Beryllino ppm ASTM 05185/m 0 0 0 Cadmium ppm ASTM 05185/m 0 0 0 Beryllino ppm ASTM 05185/m 2 0 0 0 ADDITIVES method fmil/base current Historyl 1 Barium ppm ASTM 05185/m 0 0 0 0 Manganese ppm ASTM 05185/m 0 67 61 58 Manganesi ppm ASTM 05185/m 0 90 93 949 Calcium ppm ASTM 05185/m 1050 1035 1047 1041 Phosphorus ppm ASTM 05185/m 9150 930 983 933 Calcium ppm ASTM 05185/m 9100 1158 1146 1146 1146		Copper	ppm	ASTM D5185(m)	>330	2	4	2
Antimony ppm ASTM DS185(m) 0 0 0 Vanadium ppm ASTM DS185(m) 0 0 0 Beryllium ppm ASTM DS185(m) 0 0 0 Cadmium ppm ASTM DS185(m) 0 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM DS185(m) 0 0 0 0 Molybdenum ppm ASTM DS185(m) 0 67 61 58 Manganese ppm ASTM DS185(m) 950 920 983 949 Calcium ppm ASTM DS185(m) 1050 1047 1041 Phosphorus ppm ASTM DS185(m) 950 980 988 983 Zinc ppm ASTM DS185(m) 1050 1178 1146 1140 Sulfur ppm ASTM DS185(m) 260 2436 2440 2593 Lithium ppm ASTM DS185(m) 26 6 8 3			ppm	ASTM D5185(m)	>15	0	0	0
Vanadium ppm ASTM D5185(m) 0 0 0 Beryllium ppm ASTM D5185(m) I 0 0 0 Cadmium ppm ASTM D5185(m) Imit/base current history1 history2 Boron ppm ASTM D5185(m) 0 0 0 2 Boron ppm ASTM D5185(m) 0 0 0 2 Boron ppm ASTM D5185(m) 0 0 0 2 Molybdenum ppm ASTM D5185(m) 0 67 61 58 Magnesium ppm ASTM D5185(m) 0 <1		Antimony		ASTM D5185(m)		0	0	0
Beryllium ppm ASTM D5185(m) 0 0 0 Cadmium ppm ASTM D5185(m) 0 0 0 ADDITIVES method Imit/base current history1 history2 Boron ppm ASTM D5185(m) 2 2 0 2 Barium ppm ASTM D5185(m) 0 0 0 0 Malybidenum ppm ASTM D5185(m) 50 67 61 58 Manganesse ppm ASTM D5185(m) 50 920 983 949 Calcium ppm ASTM D5185(m) 950 920 983 983 Zinc ppm ASTM D5185(m) 955 990 988 983 Zinc ppm ASTM D5185(m) 950 920 983 25440 2593 Lithium ppm ASTM D5185(m) 950 940 24140 2593 Silicon ppm ASTM D5185(m) 950 <td< th=""><th></th><th>Vanadium</th><th></th><th>ASTM D5185(m)</th><th></th><th>0</th><th>0</th><th>0</th></td<>		Vanadium		ASTM D5185(m)		0	0	0
Cadmium ppm ASTM D5185(m) 0 0 0 ADDITIVES method imit/base current history1 history2 Boron ppm ASTM D5185(m) 2 2 0 2 Barium ppm ASTM D5185(m) 0 0 0 0 Molybdenum ppm ASTM D5185(m) 0 67 61 58 Manganese ppm ASTM D5185(m) 0 -1 0 0 Galcium ppm ASTM D5185(m) 050 1035 1047 1041 Phosphorus ppm ASTM D5185(m) 950 990 988 983 Zine ppm ASTM D5185(m) 1050 1035 1047 1041 Sulfur ppm ASTM D5185(m) 2600 2436 2440 2593 Lithium ppm ASTM D5185(m) 25 8 6 8 Solicon pm ASTM D5185(m) >25 8 6 8 Solicon ppm ASTM D5185(m) >25		Bervllium		ASTM D5185(m)		0	0	0
Boron ppm ASTM D5185(m) 2 2 0 2 Barium ppm ASTM D5185(m) 0 0 0 0 Molybdenum ppm ASTM D5185(m) 50 67 61 58 Manganese ppm ASTM D5185(m) 0 <1 0 0 Magnesium ppm ASTM D5185(m) 950 920 983 949 Calcium ppm ASTM D5185(m) 950 990 988 983 Zinc ppm ASTM D5185(m) 950 990 988 983 Sulfur ppm ASTM D5185(m) 950 940 2533 Lithium ppm ASTM D5185(m) 1158 1178 1146 Sulfur ppm ASTM D5185(m) 2600 2436 2440 2593 Lithium ppm ASTM D5185(m) 255 8 6 8 Sodium ppm ASTM D5185(m) >20 4						0	0	0
Barium ppm ASTM D5185(m) 0 0 0 0 Molybdenum ppm ASTM D5185(m) 50 67 61 58 Manganesce ppm ASTM D5185(m) 0 <1 0 0 Magnesium ppm ASTM D5185(m) 950 920 983 949 Calcium ppm ASTM D5185(m) 1050 1035 1047 1041 Phosphorus ppm ASTM D5185(m) 1050 1035 1047 1041 Phosphorus ppm ASTM D5185(m) 995 990 988 983 Zinc ppm ASTM D5185(m) 949 2436 2440 2593 Lithium ppm ASTM D5185(m) 2600 2436 2440 2593 Lithium ppm ASTM D5185(m) 260 2436 6 8 Sodium ppm ASTM D5185(m) 260 243 6 8 Sodium ppm ASTM D5185(m) 20 4 2 3 Glycol %		ADDITIVES		method	limit/base	current	history1	history2
Barium ppm ASTM D5185(m) 0 0 0 0 Molybdenum ppm ASTM D5185(m) 50 67 61 58 Manganesce ppm ASTM D5185(m) 0 <1 0 0 Magnesium ppm ASTM D5185(m) 950 920 983 949 Calcium ppm ASTM D5185(m) 1050 1035 1047 1041 Phosphorus ppm ASTM D5185(m) 1050 1035 1047 1041 Phosphorus ppm ASTM D5185(m) 995 990 988 983 Zinc ppm ASTM D5185(m) 949 2436 2440 2593 Lithium ppm ASTM D5185(m) 2600 2436 2440 2593 Lithium ppm ASTM D5185(m) 260 2436 6 8 Sodium ppm ASTM D5185(m) 260 243 6 8 Sodium ppm ASTM D5185(m) 20 4 2 3 Glycol %		Boron	ppm	ASTM D5185(m)	2	2	0	2
Molybdenum ppm ASTM D5185(m) 50 67 61 58 Manganese ppm ASTM D5185(m) 0 <1				. /				
Manganese ppm ASTM D5185(m) 0 <1 0 0 Magnesium ppm ASTM D5185(m) 950 920 983 949 Calcium ppm ASTM D5185(m) 1050 1035 1047 1041 Phosphorus ppm ASTM D5185(m) 995 990 988 983 Zinc ppm ASTM D5185(m) 1180 1158 1178 1146 Sulfur ppm ASTM D5185(m) 2600 2436 2440 2593 Lithium ppm ASTM D5185(m) 2600 2436 2440 2593 Silicon ppm ASTM D5185(m) >25 8 6 8 Sodium ppm ASTM D5185(m) >25 8 6 8 Sodium ppm ASTM D5185(m) >20 4 2 3 Glycol % ASTM D5185(m) >20 4 2 3 Glycol % ASTM D7922* 0.0 NEG NEG INFRA-RED method limit/base		Molvbdenum				67	61	
Magnesium ppm ASTM D5185(m) 950 920 983 949 Calcium ppm ASTM D5185(m) 1050 1035 1047 1041 Phosphorus ppm ASTM D5185(m) 995 990 988 983 Zinc ppm ASTM D5185(m) 918 1178 1146 Sulfur ppm ASTM D5185(m) 2600 2436 2440 2593 Lithium ppm ASTM D5185(m) 2600 2436 2440 2593 Silicon ppm ASTM D5185(m) 2600 2436 2440 2593 Silicon ppm ASTM D5185(m) >25 8 6 8 Sodium ppm ASTM D5185(m) >25 8 6 8 Sodium ppm ASTM D5185(m) >20 4 2 3 Glycol % ASTM D7922* 0.0 NEG NEG INFERA-RED method limit/base current history1 history2 Soot % % ASTM D7824* >4<				. /		-		
Calcium ppm ASTM D5185(m) 1050 1035 1047 1041 Phosphorus ppm ASTM D5185(m) 995 990 988 983 Zinc ppm ASTM D5185(m) 1180 1158 1178 1146 Sulfur ppm ASTM D5185(m) 2600 2436 2440 2593 Lithium ppm ASTM D5185(m) 2600 current history1 history2 Silicon ppm ASTM D5185(m) >25 8 6 8 Sodium ppm ASTM D5185(m) >20 4 2 3 Glycol % ASTM D5185(m) >20 4 2 3 INFRA-RED method limit/base current history1 history2 Soot % % ASTM D7844* >4 0.1 0.2 0.1 Nitration Abs/cm ASTM D7624* >20 8.9 9.4 7.7		0						
Phosphorus ppm ASTM D5185(m) 990 983 983 Zinc ppm ASTM D5185(m) 1180 1158 1178 1146 Sulfur ppm ASTM D5185(m) 2600 2436 2440 2593 Lithium ppm ASTM D5185(m) 2600 2436 2440 2593 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185(m) >25 8 6 8 Sodium ppm ASTM D5185(m) >20 4 2 3 Glycol % ASTM D5185(m) >20 4 2 3 Glycol % ASTM D5185(m) >20 4 2 3 Sotot % % ASTM D5185(m) >20 4 2 3 Sotot % % ASTM D5185(m) >20 4 2 3 Sotot % % ASTM D5185(m) >20 4 2 3 Sotot % % ASTM D7844* >4 0		Calcium ppm ASTM D5185(m) 1050 1035 1047						
Zinc ppm ASTM D5185(m) 1180 1178 1146 Sulfur ppm ASTM D5185(m) 2600 2436 2440 2593 Lithium ppm ASTM D5185(m) 2600 2436 2440 2593 Lithium ppm ASTM D5185(m) 2600 2436 2440 2593 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185(m) >25 8 6 8 Sodium ppm ASTM D5185(m) >20 4 2 3 Glycol % ASTM D5185(m) >20 4 2 3 Glycol % ASTM D7922* 0.0 NEG NEG INFRA-RED method limit/base current history1 history2 Soot % % ASTM D7844* >4 0.1 0.2 0.1 Nitration Abs/cm ASTM D7624* >20 8.9 9.4 7.7								
SulfurppmASTM D5185(m)2600243624402593LithiumppmASTM D5185(m)2600<		•		. /				
LithiumppmASTM D5185(m)<1				× 7				
CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185(m)>25868SodiumppmASTM D5185(m)>20192589PotassiumppmASTM D5185(m)>20423Glycol%ASTM D7922*0.0NEGNEGINFRA-REDmethodlimit/basecurrenthistory1history2Soot %%ASTM D7844*>40.10.20.1NitrationAbs/cmASTM D7624*>208.99.47.7				()	2000			
Sodium ppm ASTM D5185(m) 192 58 9 Potassium ppm ASTM D5185(m) >20 4 2 3 Glycol % ASTM D7922* 0.0 NEG NEG INFRA-RED method limit/base current history1 history2 Soot % % ASTM D7844* >4 0.1 0.2 0.1 Nitration Abs/cm ASTM D7624* >20 8.9 9.4 7.7					limit/base			
Sodium ppm ASTM D5185(m) 192 58 9 Potassium ppm ASTM D5185(m) >20 4 2 3 Glycol % ASTM D7922* 0.0 NEG NEG INFRA-RED method limit/base current history1 history2 Soot % % ASTM D7844* >4 0.1 0.2 0.1 Nitration Abs/cm ASTM D7624* >20 8.9 9.4 7.7				ASTM D5185(m)	>25	8	6	8
Potassium ppm ASTM D5185(m) >20 4 2 3 Glycol % ASTM D7922* 0.0 NEG NEG INFRA-RED method limit/base current history1 history2 Soot % % ASTM D7844* >4 0.1 0.2 0.1 Nitration Abs/cm ASTM D7624* >20 8.9 9.4 7.7								
Glycol%ASTM D7922*0.0NEGNEGINFRA-REDmethodlimit/basecurrenthistory1history2Soot %%ASTM D7844*>40.10.20.1NitrationAbs/cmASTM D7624*>208.99.47.7				. ,	>20	-		
Soot % % ASTM D7844* >4 0.1 0.2 0.1 Nitration Abs/cm ASTM D7624* >20 8.9 9.4 7.7				()				
Nitration Abs/cm ASTM D7624* >20 8.9 9.4 7.7		INFRA-RED		method	limit/base	current	history1	history2
Nitration Abs/cm ASTM D7624* >20 8.9 9.4 7.7		Soot %	%	ASTM D7844*	>4	0.1	0.2	0.1
		Sulfation				19.8	19.2	18.6

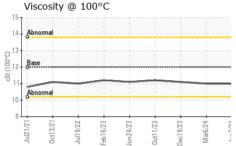


OIL ANALYSIS REPORT



FT-IR (Direct Trend)





FLUID D	FGI	R۸D) M	meth	hd	limit/t	naco		curre	nt		histor	v1	ł	history	v2
Oxidation	rLGi		Abs/.1m		STM D7		>25	0000	16				6.4	y i		5.3	<i>y</i> <u>–</u>
VISUAL			7100/1111								-						
					metho	Ju				curre	rit		histor	ут	I	nistory	y∠
White Meta			scala		'isual*		NONE			ITE							
Yellow Met	al		scala		'isual*		NONE			ONE							
Precipitate			scala		'isual*		NONE			ONE							
Silt			scala		'isual*		NONE			ITE							
Debris			scala		'isual*			NONE		NONE							
Sand/Dirt			scala		'isual*		NONE		NONE								
Appearance	Э		scala		'isual*		NORML		NORML								
Odor			scala		'isual*		NORML		NORML			NORML			NORML		
Emulsified		r	scala		'isual*					NEG			EG		NEG		
Free Water			scala	ar V	'isual*				N	EG		N	EG		NI	EG	
FLUID F	PRC	PE	RTIE	S	metho	bd	limit/t	base		curre	nt		histor	y1	ł	history	y2
Visc @ 100	۱°C		cSt	A	STM D72	79(m)	12.00		11	.0		11	0.1		11	.1	
GRAPH																	
Iron (ppn	n)							100-		d (pp	om)						
Severe								80	Seve	e							
0									ļ.								
Abnormal								E 40	Abno	rmal			1			1	
								20	- 								
	22	23	23	23	23	24	24	0	21	21-	22	23	23	23	23	24	
Jul21/21 Oct13/21	Jul19/22	eb 16/23	Jun24/23	0ct11/23	Dec19/23	Mar6/24	Jun3/24		Jul21/21	0ct13/21	Jul19/22	Feb 1 6/23	Jun24/23	0ct11/23	Dec19/23	Mar6/24	
Aluminun	-		-	0			-				, m (p	_	ŗ	0			
Severe	i (pp							50		onnu	iii (p	рш)					
0								40	Seve	e							
Abnormal								E 30-	Abno	rmal							
	1		ł	1	1	1			-		1		1	1	1	1	
			_		_			10- 0-									
Jul21/21	Jul19/22	Feb16/23 -	Jun24/23 .	0ct11/23 -	Dec19/23 -	Mar6/24 -	Jun3/24 -		Jul21/21-	0ct13/21	Jul19/22 -	Feb16/23 -	Jun24/23 -	0ct11/23 -	Dec19/23 -	Mar6/24 -	
Jul2	Juli	Feb1	Jun2	0ct1	Dec1	Mar	ղոր		Jul	0ct1	Juli	Feb 1	Jun2	0ct1	Dec1	Mar	
Copper (ppm))									opm)						
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Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 554 - Edmonton SW CALA : GFL0118979 : 19 Jun 2024 Sample No. Received 8409 -15th Street NW Lab Number : 02642756 Tested : 19 Jun 2024 Edmonton, AB ISO 17025:2017 Accredited Laboratory CA T6P 0B8 Unique Number : 5800295 Diagnosed : 20 Jun 2024 - Kevin Marson Contact: Tim Greig Test Package : MOB 1 (Additional Tests: Glycol, Visual) tgreig@gflenv.com To discuss this sample report, contact Customer Service at 1-800-268-2131. Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab. T: (780)231-0521 Validity of results and interpretation are based on the sample and information as supplied. F:

Report Id: GFL554 [WCAMIS] 02642756 (Generated: 06/20/2024 04:48:34) Rev: 1

Submitted By: Brian Gagne Page 2 of 2