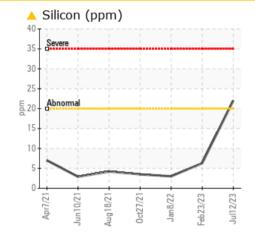
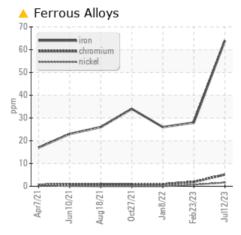
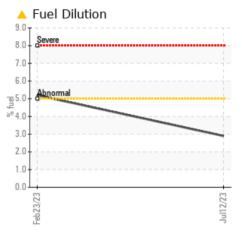


COMPONENT CONDITION SUMMARY







RECOMMENDATION

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS									
Sample Status			ABNORMAL	ABNORMAL	NORMAL				
Iron	ppm	ASTM D5185m	>80	<u> </u>	28	26			
Silicon	ppm	ASTM D5185m	>20	<u> </u>	6	3			
Fuel	%	ASTM D3524	>5	<u> </u>	5 .2	<1.0			

Customer Id: GFL415 Sample No.: GFL0086700 Lab Number: 05898343 Test Package: FLEET



To manage this report scan the QR code

To discuss the diagnosis or test data: Don Baldridge +1 don.b505@comcast.net

To change component or sample information: Customer Service +1 1-800-237-1369 customerservice@wearcheck.com

RECOMMENDE	RECOMMENDED ACTIONS						
Action	Status	Date	Done By	Description			
Change Fluid			?	Oil and filter change at the time of sampling has been noted.			
Change Filter			?	Oil and filter change at the time of sampling has been noted.			

HISTORICAL DIAGNOSIS



23 Feb 2023 Diag: Jonathan Hester

We advise that you check the fuel injection system. Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.All component wear rates are normal. There is a moderate amount of fuel present in the oil. Fuel is present in the oil and is lowering the viscosity. The BN result indicates that there is suitable alkalinity remaining in the oil.



view report

08 Jan 2022 Diag: Wes Davis



Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

27 Oct 2021 Diag: Jonathan Hester





Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.



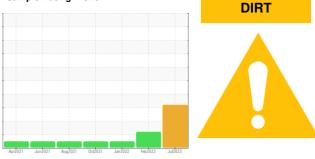




OIL ANALYSIS REPORT

Sample Rating Trend

limit/base



history1

current

history2

4682M Component Diesel Engine Fluid

PETRO CANADA DURON SHP 15W40 (--- GAL)

SAMPLE INFORMATION method

DIAGNOSIS
A Recommendation

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.

Machine Id

🔺 Wear

An increase in the iron level is noted. All other component wear rates are normal.

Contamination

Elemental level of silicon (Si) above normal. Light fuel dilution occurring.

Fluid Condition

The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.

SAMELE INFOR		methou	IIIIIVDase	Current	Thistory I	TISTOL A
Sample Number		Client Info		GFL0086700	GFL0073859	GFL0039785
Sample Date		Client Info		12 Jul 2023	23 Feb 2023	08 Jan 2022
Machine Age	hrs	Client Info		14095	12999	9689
Oil Age	hrs	Client Info		12999	9689	9689
Oil Changed		Client Info		Changed	Changed	Changed
Sample Status				ABNORMAL	ABNORMAL	NORMAL
CONTAMINAT	ION	method	limit/base	current	history1	history2
Glycol		WC Method		NEG	NEG	NEG
WEAR METAL	S	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>80	6 4	28	26
Chromium	ppm	ASTM D5185m	>5	5	2	<1
Nickel	ppm	ASTM D5185m	>2	2	<1	0
Titanium	ppm	ASTM D5185m		<1	<1	0
Silver	ppm	ASTM D5185m	>3	0	0	0
Aluminum	ppm	ASTM D5185m	>30	11	5	6
Lead	ppm	ASTM D5185m	>30	<1	0	0
Copper	ppm	ASTM D5185m	>150	3	1	1
Tin	ppm	ASTM D5185m	>5	<1	0	0
Antimony	ppm	ASTM D5185m				0
Vanadium	ppm	ASTM D5185m		<1	0	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	1	<1	3
Barium	ppm	ASTM D5185m	0	2	0	0
Molybdenum	ppm	ASTM D5185m	60	63	59	52
Manganese	ppm	ASTM D5185m	0	<1	<1	<1
Magnesium	ppm	ASTM D5185m	1010	886	869	811
Calcium	ppm	ASTM D5185m	1070	1107	1036	972
Phosphorus	ppm	ASTM D5185m	1150	993	957	862
Zinc	ppm	ASTM D5185m	1270	1255	1189	1122
Sulfur	ppm	ASTM D5185m	2060	2897	2861	2556
CONTAMINAN	TS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>20	<u> </u>	6	3
Sodium	ppm	ASTM D5185m		8	6	6
Potassium	ppm	ASTM D5185m	>20	4	2	3
Fuel	%	ASTM D3524	>5	<u> </u>	▲ 5.2	<1.0
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>3	1	0.6	0.6
Nitration	Abs/cm	*ASTM D7624	>20	12.5	10.5	12.8
Sulfation	Abs/.1mm	*ASTM D7415	>30	25.6	20.9	22.7
FLUID DEGRA		method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	23.3	18.4	23.4
Base Number (BN)	mg KOH/g	ASTM D2896		5.7	6.7	7
	99				-	



OIL ANALYSIS REPORT

