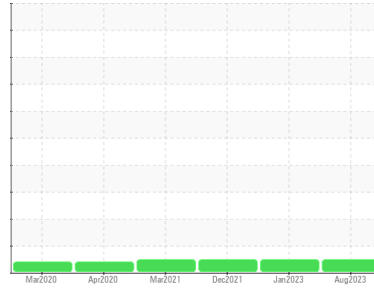




OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id
OR500

Component
Transmission (Manual)

Fluid
PETRO CANADA DURATRAN (28 LTR)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the fluid.

Fluid Condition

The condition of the fluid is acceptable for the time in service.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	GFL0087408	GFL0064916	GFL0030437
Sample Date	Client Info	02 Aug 2023	30 Jan 2023	02 Dec 2021
Machine Age	hrs	16910	16235	14679
Oil Age	hrs	675	1000	1000
Oil Changed	Client Info	Not Changed	Changed	Not Changed
Sample Status		NORMAL	NORMAL	NORMAL

WEAR METALS

method	limit/base	current	history1	history2	
Iron	ppm	ASTM D5185(m) >200	5	5	11
Chromium	ppm	ASTM D5185(m) >5	<1	<1	2
Nickel	ppm	ASTM D5185(m) >5	<1	0	<1
Titanium	ppm	ASTM D5185(m)	0	<1	0
Silver	ppm	ASTM D5185(m) >7	0	0	<1
Aluminum	ppm	ASTM D5185(m) >25	<1	1	1
Lead	ppm	ASTM D5185(m) >45	<1	0	0
Copper	ppm	ASTM D5185(m) >225	<1	<1	1
Tin	ppm	ASTM D5185(m) >10	0	0	0
Antimony	ppm	ASTM D5185(m)	0	0	<1
Vanadium	ppm	ASTM D5185(m)	0	0	0
Beryllium	ppm	ASTM D5185(m)	0	0	0
Cadmium	ppm	ASTM D5185(m)	0	0	0

ADDITIVES

method	limit/base	current	history1	history2	
Boron	ppm	ASTM D5185(m) 110	47	68	35
Barium	ppm	ASTM D5185(m) 0.0	0	0	0
Molybdenum	ppm	ASTM D5185(m) 0.0	3	1	<1
Manganese	ppm	ASTM D5185(m) 1	0	0	<1
Magnesium	ppm	ASTM D5185(m) 13	44	27	22
Calcium	ppm	ASTM D5185(m) 3610	2794	2466	1325
Phosphorus	ppm	ASTM D5185(m) 1192	991	1012	827
Zinc	ppm	ASTM D5185(m) 1455	1164	1161	984
Sulfur	ppm	ASTM D5185(m) 2641	2525	2350	1950
Lithium	ppm	ASTM D5185(m)	<1	<1	<1

CONTAMINANTS

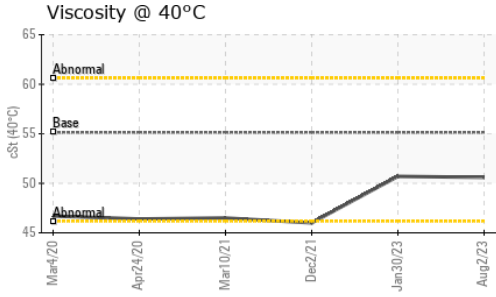
method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185(m) >125	5	5	4
Sodium	ppm	ASTM D5185(m)	1	2	4
Potassium	ppm	ASTM D5185(m) >20	0	0	1

VISUAL

method	limit/base	current	history1	history2	
White Metal	scalar	Visual*	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE
Precipitate	scalar	Visual*	NONE	NONE	NONE
Silt	scalar	Visual*	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE
Appearance	scalar	Visual*	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>0.1	NEG	NEG
Free Water	scalar	Visual*		NEG	NEG



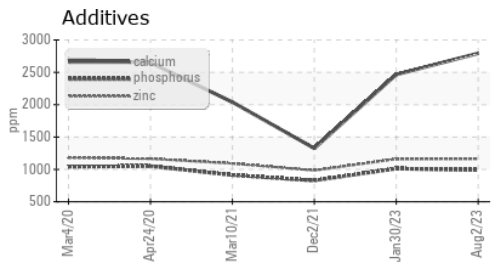
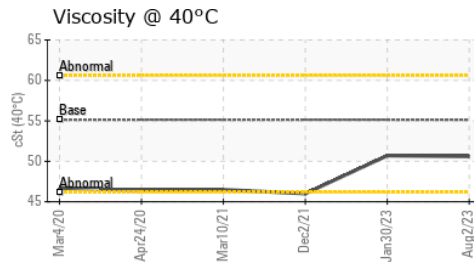
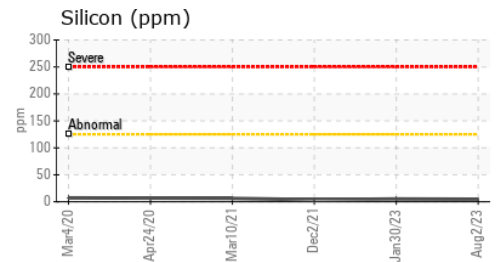
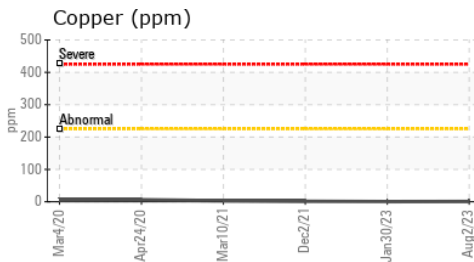
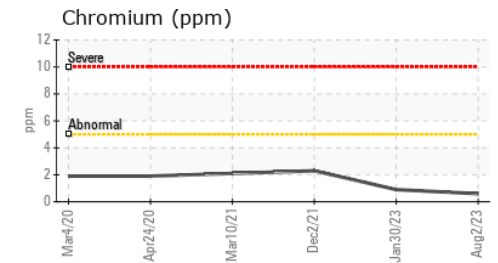
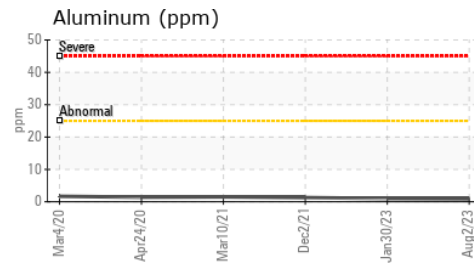
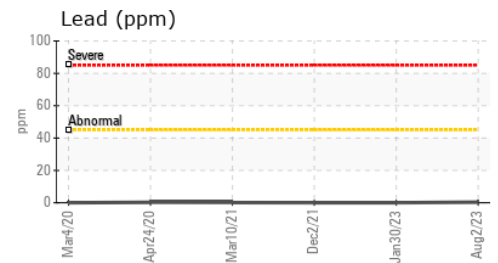
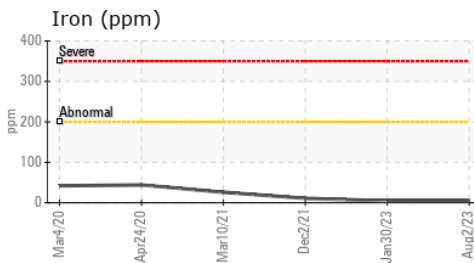
OIL ANALYSIS REPORT



FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	55.14	50.6	50.7	46.0

SAMPLE IMAGES		method	limit/base	current	history1	history2
Color						
Bottom						

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 720 - Lafleche - Landfill
Sample No. : GFL0087408 **Received** : 11 Aug 2023
Lab Number : 02575411 **Diagnosed** : 11 Aug 2023
Unique Number : 5620462 **Diagnostician** : Wes Davis
Test Package : MOB 1

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.
 Validity of results and interpretation are based on the sample and information as supplied.

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