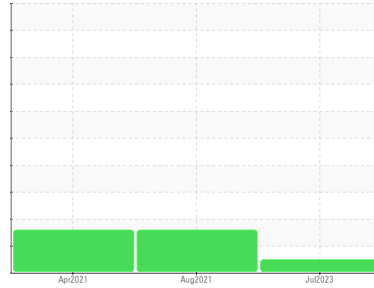




OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id
OR455

Component
Rear Right Final Drive

Fluid
PETRO CANADA TRAXON XL SYN BLEND 80W140 (--- GAL)

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 oil.

Fluid Condition

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

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		GFL0087353	GFL0030468	GFL0010908
Sample Date	Client Info		21 Jul 2023	24 Aug 2021	07 Apr 2021
Machine Age	hrs	Client Info	16560	12381	11976
Oil Age	hrs	Client Info	3581	2000	1500
Oil Changed	Client Info		Changed	Changed	Not Changed
Sample Status			NORMAL	ABNORMAL	ABNORMAL

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m) >500	357	▲ 1475	▲ 1162
Chromium	ppm	ASTM D5185(m) >10	4	▲ 16	▲ 13
Nickel	ppm	ASTM D5185(m)	<1	2	2
Titanium	ppm	ASTM D5185(m)	<1	<1	<1
Silver	ppm	ASTM D5185(m)	0	0	<1
Aluminum	ppm	ASTM D5185(m) >25	2	3	3
Lead	ppm	ASTM D5185(m) >25	0	<1	<1
Copper	ppm	ASTM D5185(m) >50	2	8	7
Tin	ppm	ASTM D5185(m) >10	0	0	0
Antimony	ppm	ASTM D5185(m)	0	<1	0
Vanadium	ppm	ASTM D5185(m)	0	<1	<1
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) 246	196	122	110
Barium	ppm	ASTM D5185(m) 1	0	0	0
Molybdenum	ppm	ASTM D5185(m)	<1	<1	<1
Manganese	ppm	ASTM D5185(m)	5	16	13
Magnesium	ppm	ASTM D5185(m) 1	2	<1	<1
Calcium	ppm	ASTM D5185(m) 2	22	12	15
Phosphorus	ppm	ASTM D5185(m) 976	985	1071	912
Zinc	ppm	ASTM D5185(m) 3	13	32	31
Sulfur	ppm	ASTM D5185(m) 15600	16164	19467	18138
Lithium	ppm	ASTM D5185(m)	<1	<1	<1

CONTAMINANTS

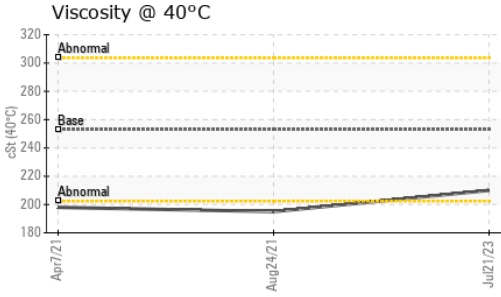
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >75	11	13	12
Sodium	ppm	ASTM D5185(m)	2	<1	1
Potassium	ppm	ASTM D5185(m) >20	<1	1	1

VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	Visual* NONE	NONE	NONE	LIGHT
Yellow Metal	scalar	Visual* NONE	NONE	NONE	NONE
Precipitate	scalar	Visual* NONE	NONE	NONE	NONE
Silt	scalar	Visual* NONE	NONE	NONE	NONE
Debris	scalar	Visual* NONE	VLITE	NONE	NONE
Sand/Dirt	scalar	Visual* NONE	VLITE	NONE	NONE
Appearance	scalar	Visual* NORML	NORML	NORML	NORML
Odor	scalar	Visual* NORML	NORML	NORML	NORML
Emulsified Water	scalar	Visual* >0.2	NEG	NEG	NEG
Free Water	scalar	Visual*	NEG	NEG	NEG

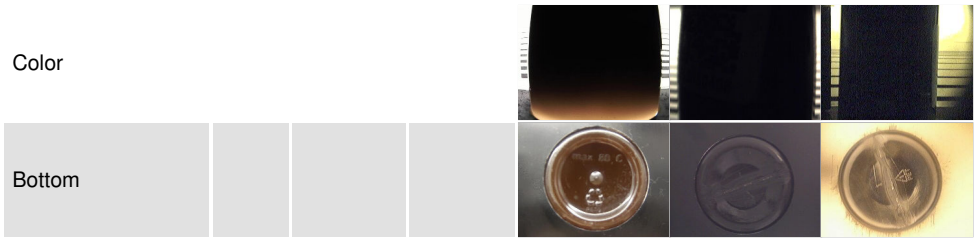


OIL ANALYSIS REPORT

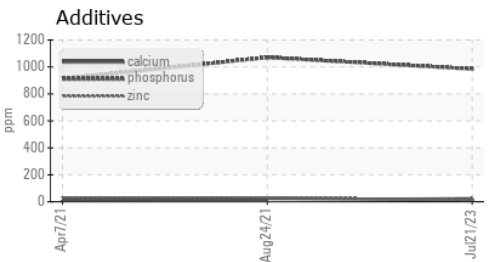
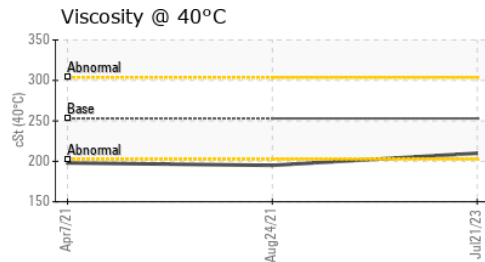
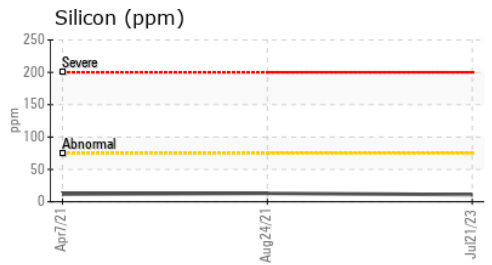
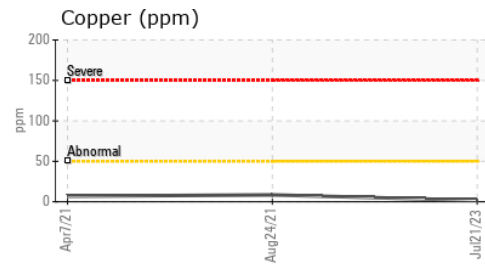
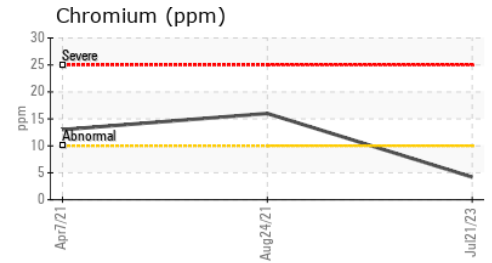
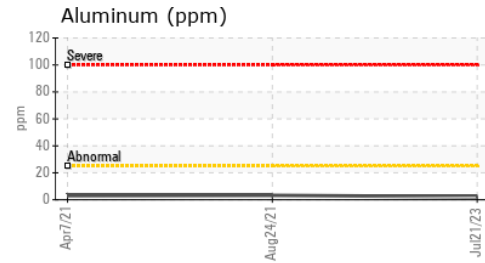
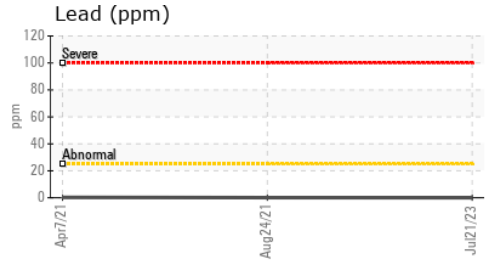
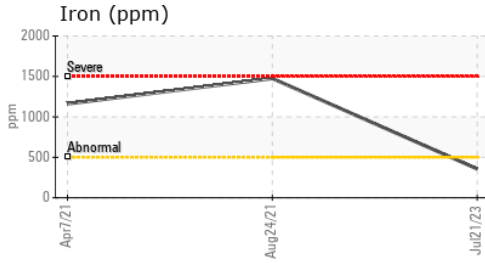


FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	253.0	210	195	198

SAMPLE IMAGES		method	limit/base	current	history1	history2
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GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 720 - Lafleche - Landfill
Sample No. : GFL0087353 **Received** : 25 Jul 2023
Lab Number : 02572019 **Diagnosed** : 25 Jul 2023
Unique Number : 5617070 **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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