



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
OR1975
Component
Rear Left Final Drive
Fluid
PETRO CANADA PRODURO TO-4 SAE 30 (10 LTR)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		GFL0113410	GFL0087348	---
Sample Date		Client Info		29 Apr 2024	19 Jul 2023	---
Machine Age	hrs	Client Info		8207	6950	---
Oil Age	hrs	Client Info		1000	6950	---
Filter Age	hrs	Client Info		1000	6950	---
Oil Changed		Client Info		N/A	Not Changd	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				NORMAL	NORMAL	---

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>800	24	56	---
Chromium	ppm	ASTM D5185(m)	>10	2	4	---
Nickel	ppm	ASTM D5185(m)	>5	0	<1	---
Titanium	ppm	ASTM D5185(m)	>15	<1	<1	---
Silver	ppm	ASTM D5185(m)	>2	0	0	---
Aluminum	ppm	ASTM D5185(m)	>75	7	12	---
Lead	ppm	ASTM D5185(m)	>10	0	<1	---
Copper	ppm	ASTM D5185(m)	>75	<1	<1	---
Tin	ppm	ASTM D5185(m)	>8	0	0	---
Vanadium	ppm	ASTM D5185(m)		0	<1	---
White Metal	scalar	Visual*	NONE	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	---

CONTAMINATION

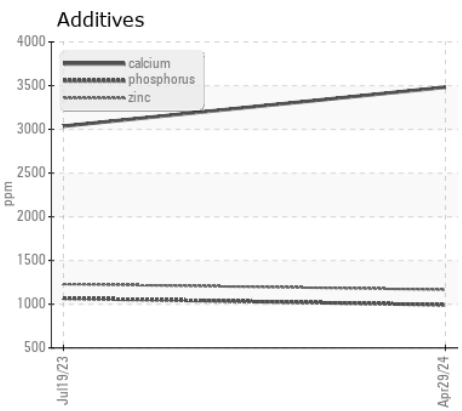
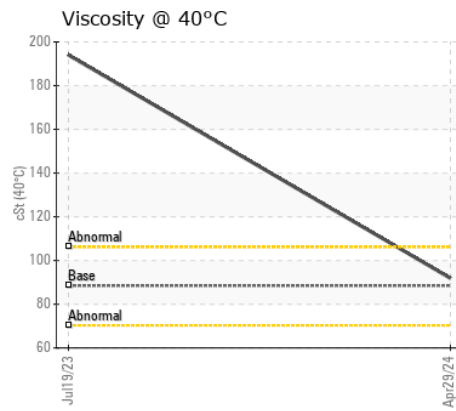
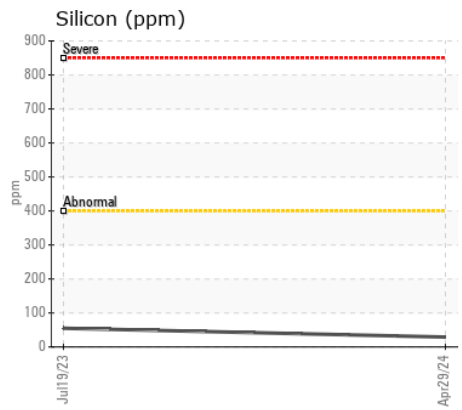
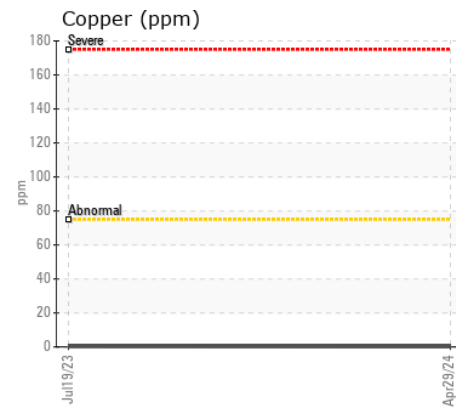
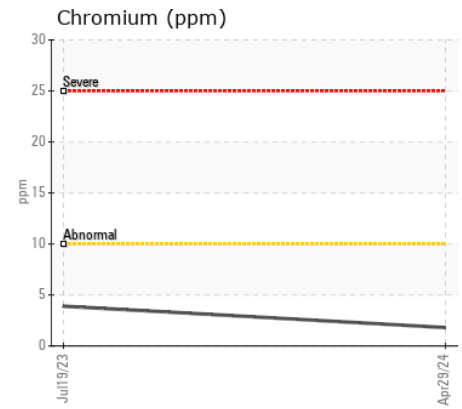
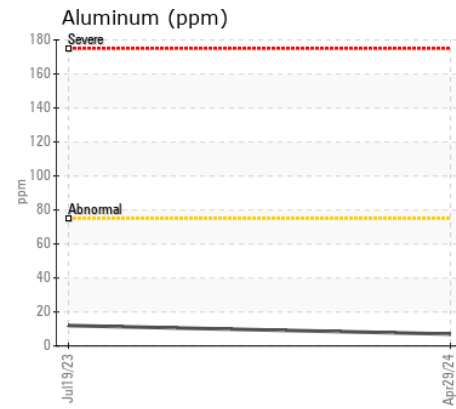
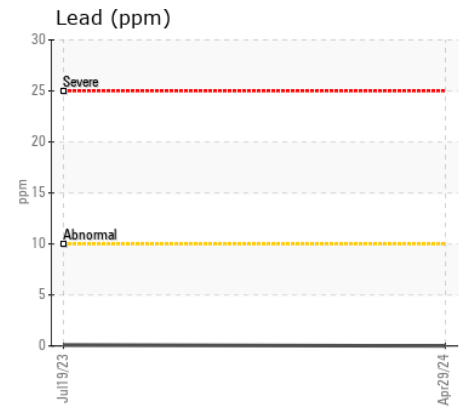
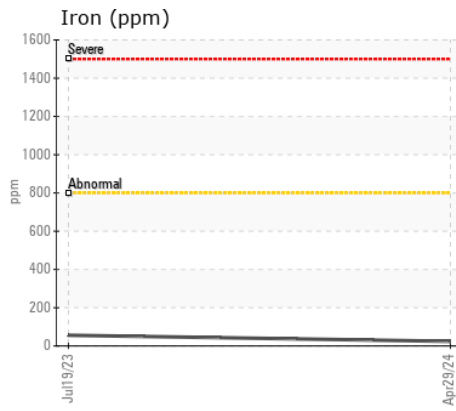
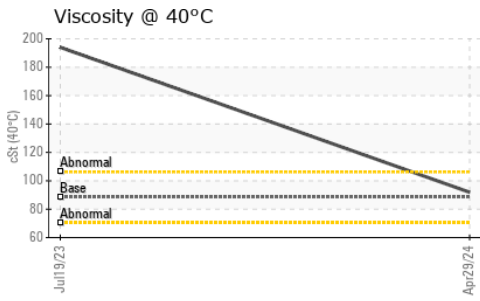
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185(m)	>400	29	55	---
Potassium	ppm	ASTM D5185(m)	>20	3	5	---
Water		WC Method	>0.2	NEG	NEG	---
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*	>0.2	NEG	NEG	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185(m)		3	5	---
Boron	ppm	ASTM D5185(m)	2	2	2	---
Barium	ppm	ASTM D5185(m)	0	0	0	---
Molybdenum	ppm	ASTM D5185(m)	0	2	3	---
Manganese	ppm	ASTM D5185(m)	9	<1	<1	---
Magnesium	ppm	ASTM D5185(m)	1	37	13	---
Calcium	ppm	ASTM D5185(m)	3131	3482	3037	---
Phosphorus	ppm	ASTM D5185(m)	1194	992	1068	---
Zinc	ppm	ASTM D5185(m)	1281	1166	1230	---
Sulfur	ppm	ASTM D5185(m)	3811	4308	12015	---
Visc @ 40°C	cSt	ASTM D7279(m)	88.5	91.9	194	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0113410
Lab Number : 02634385
Unique Number : 5775538
Test Package : MOB 1

GFL Environmental - 720 - Lafleche - Landfill
 17125 Lafleche Road,
 Moose Creek, ON
 CA K0C 1W0
 Contact: Charles Bergeron
 cbergeron@gflenv.com
 T: (613)538-4853
 F:

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.