

OIL ANALYSIS REPORT

Sample Rating Trend



WEAR



Machine Id
WL151

Component
Transmission (Auto)

Fluid
PETRO CANADA PRODURO TO-4 SAE 30 (--- GAL)

DIAGNOSIS

▲ Recommendation

No corrective action is recommended at this time. We recommend an early resample to monitor this condition. (Customer Sample Comment: New purchase, sampled only)

▲ Wear

The copper level is abnormal. Clutch disc wear or oil cooler leaching indicated.

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	PCA0084615	---	---
Sample Date	Client Info	10 Jul 2023	---	---
Machine Age	hrs Client Info	38313	---	---
Oil Age	hrs Client Info	38313	---	---
Oil Changed	Client Info	N/A	---	---
Sample Status		ABNORMAL	---	---

WEAR METALS

method	limit/base	current	history1	history2
Iron ppm ASTM D5185m	>160	128	---	---
Chromium ppm ASTM D5185m	>5	<1	---	---
Nickel ppm ASTM D5185m	>5	<1	---	---
Titanium ppm ASTM D5185m		<1	---	---
Silver ppm ASTM D5185m	>5	0	---	---
Aluminum ppm ASTM D5185m	>50	5	---	---
Lead ppm ASTM D5185m	>50	<1	---	---
Copper ppm ASTM D5185m	>225	▲ 402	---	---
Tin ppm ASTM D5185m	>10	1	---	---
Vanadium ppm ASTM D5185m		0	---	---
Cadmium ppm ASTM D5185m		0	---	---

ADDITIVES

method	limit/base	current	history1	history2
Boron ppm ASTM D5185m	2	5	---	---
Barium ppm ASTM D5185m	0	0	---	---
Molybdenum ppm ASTM D5185m	0	29	---	---
Manganese ppm ASTM D5185m	9	1	---	---
Magnesium ppm ASTM D5185m	1	353	---	---
Calcium ppm ASTM D5185m	3131	1867	---	---
Phosphorus ppm ASTM D5185m	1194	888	---	---
Zinc ppm ASTM D5185m	1281	1016	---	---
Sulfur ppm ASTM D5185m	3811	3013	---	---

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon ppm ASTM D5185m	>20	18	---	---
Sodium ppm ASTM D5185m		0	---	---
Potassium ppm ASTM D5185m	>20	6	---	---

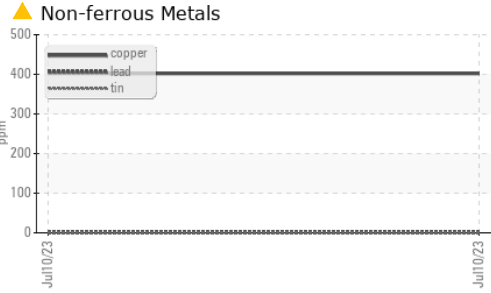
VISUAL

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

FLUID PROPERTIES

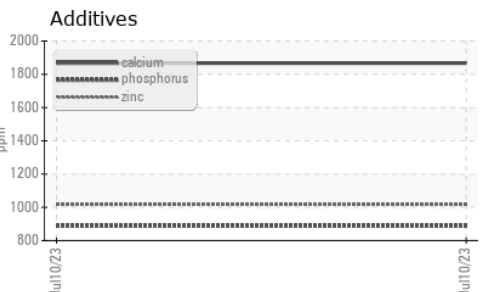
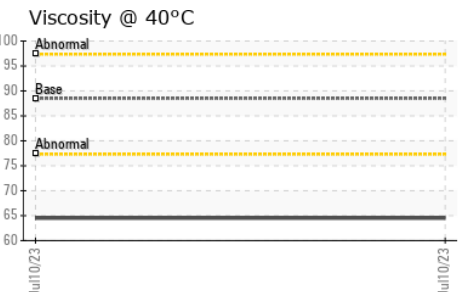
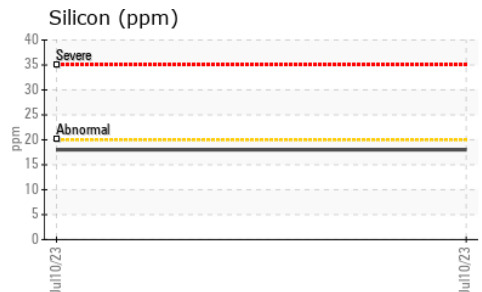
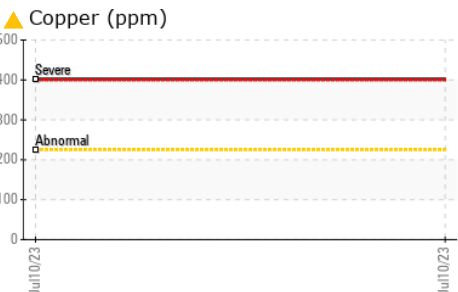
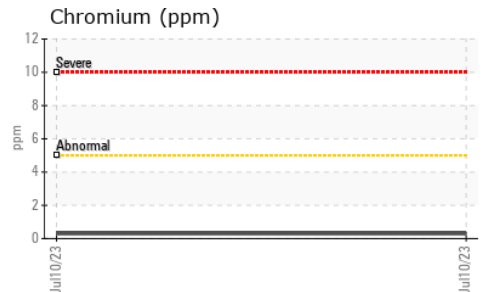
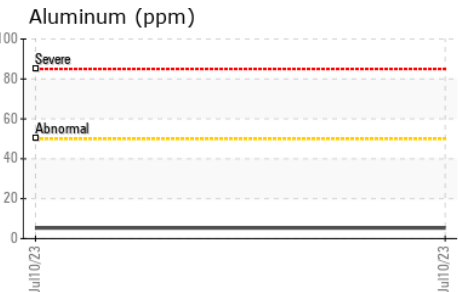
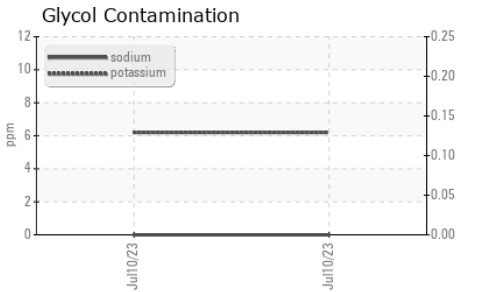
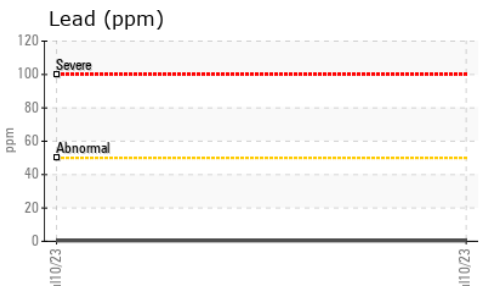
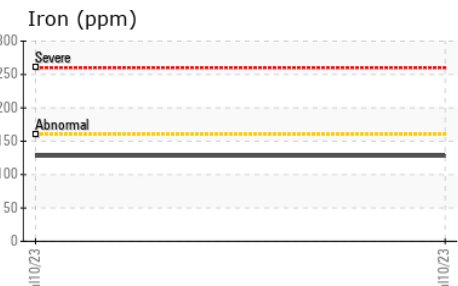
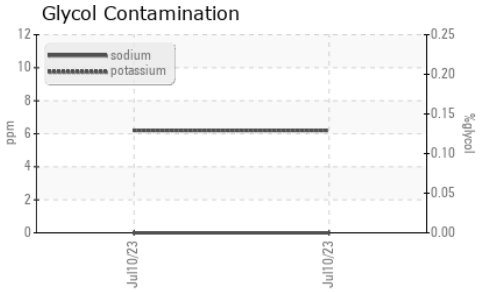
method	limit/base	current	history1	history2
Visc @ 40°C cSt ASTM D445	88.5	64.5	---	---

OIL ANALYSIS REPORT



SAMPLE IMAGES	method	limit/base	current	history1	history2
Color			no image	no image	no image
Bottom			no image	no image	no image

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0084615 **Received** : 17 Jul 2023
Lab Number : 05900870 **Diagnosed** : 20 Jul 2023
Unique Number : 10562226 **Diagnostician** : Jonathan Hester
Test Package : MOB 1 (Additional Tests: Glycol)

Kemp Quarries - Pryor Stone - Pryor
 1050 E 520 Rd
 Pryor, OK
 US 74361
 Contact:
 pryor@pryorstone.com

To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)