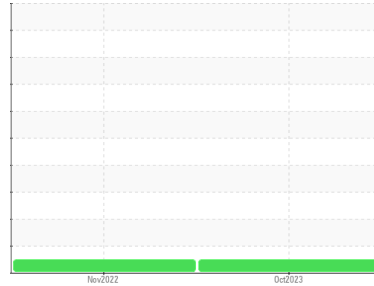


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Area
[65440]
Machine Id
WL099

Component
Front Center Differential
Fluid
PETRO CANADA PRODURO TO-4 SAE 50 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. (Customer Sample Comment: PM-1 sampled fluid)

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	PCA0087063	PCA0070241	---
Sample Date	Client Info	20 Oct 2023	09 Nov 2022	---
Machine Age	hrs Client Info	2080	2005	---
Oil Age	hrs Client Info	2080	2005	---
Oil Changed	Client Info	N/A	Changed	---
Sample Status		NORMAL	NORMAL	---

WEAR METALS

method	limit/base	current	history1	history2
Iron ppm ASTM D5185m	>500	29	146	---
Chromium ppm ASTM D5185m	>10	<1	<1	---
Nickel ppm ASTM D5185m	>10	0	0	---
Titanium ppm ASTM D5185m		<1	0	---
Silver ppm ASTM D5185m		0	0	---
Aluminum ppm ASTM D5185m	>25	<1	2	---
Lead ppm ASTM D5185m	>25	0	<1	---
Copper ppm ASTM D5185m	>100	3	20	---
Tin ppm ASTM D5185m	>10	<1	0	---
Vanadium ppm ASTM D5185m		0	0	---
Cadmium ppm ASTM D5185m		0	1	---

ADDITIVES

method	limit/base	current	history1	history2
Boron ppm ASTM D5185m	2	2	10	---
Barium ppm ASTM D5185m	0	19	0	---
Molybdenum ppm ASTM D5185m	0	1	3	---
Manganese ppm ASTM D5185m	0	<1	2	---
Magnesium ppm ASTM D5185m	9	29	136	---
Calcium ppm ASTM D5185m	3114	2811	2785	---
Phosphorus ppm ASTM D5185m	1099	1002	1034	---
Zinc ppm ASTM D5185m	1245	1229	1247	---
Sulfur ppm ASTM D5185m	7086	7535	12665	---

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon ppm ASTM D5185m	>75	16	37	---
Sodium ppm ASTM D5185m		3	4	---
Potassium ppm ASTM D5185m	>20	<1	3	---

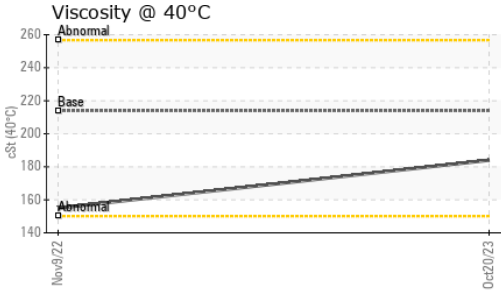
VISUAL

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	>.2	NEG	NEG	---
Free Water scalar *Visual		NEG	NEG	---

FLUID PROPERTIES

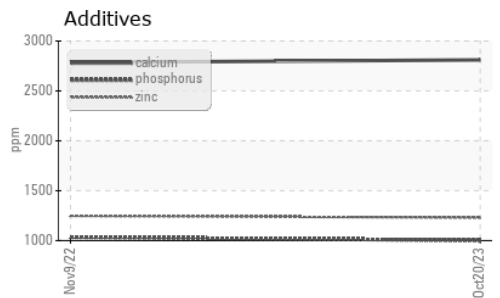
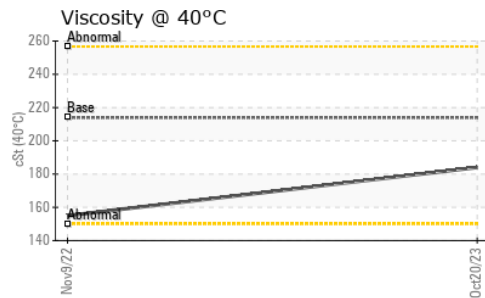
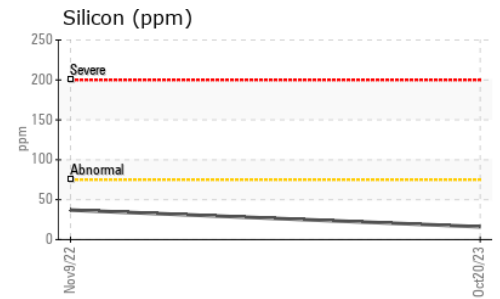
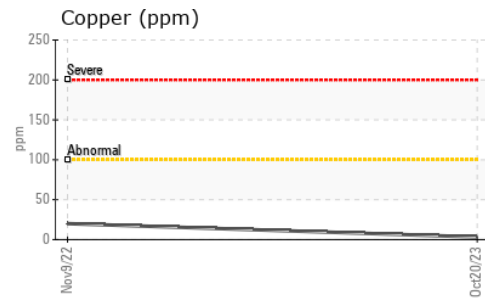
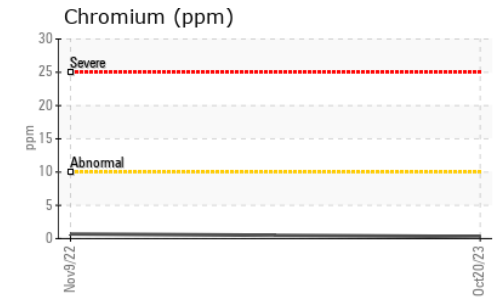
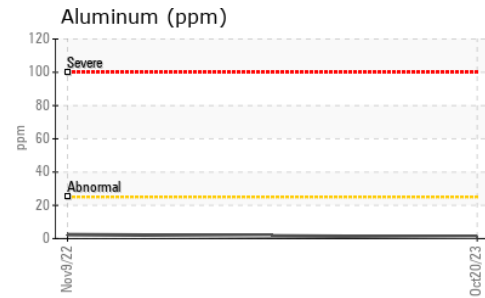
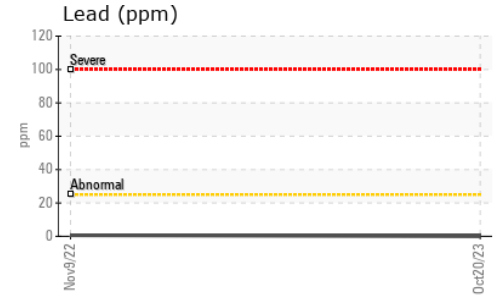
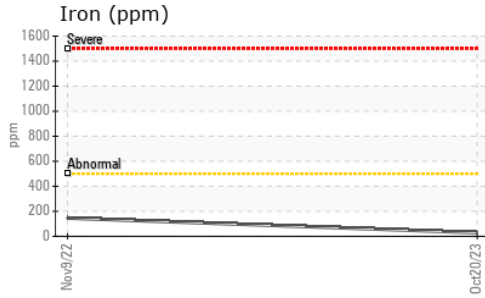
method	limit/base	current	history1	history2
Visc @ 40°C cSt ASTM D445	213.9	184	155	---

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. : PCA0087063 **Received** : 30 Oct 2023
Lab Number : 05993851 **Diagnosed** : 01 Nov 2023
Unique Number : 10722211 **Diagnostician** : Sean Felton
Test Package : MOB 1

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)

T:
F: