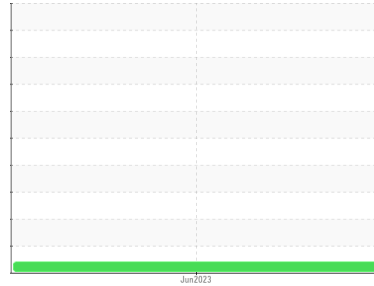


OIL ANALYSIS REPORT

Sample Rating Trend



VISCOSITY



Machine Id
WL152
Component
Front Left Final Drive
Fluid
PETRO CANADA PRODURO TO-4 SAE 50 (--- GAL)

DIAGNOSIS

▲ Recommendation

Resample at the next service interval to monitor. (Customer Sample Comment: PM-4 changed fluid new purchase)

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

▲ Fluid Condition

The oil viscosity is lower than normal. Confirm oil type.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	PCA0086359	---	---
Sample Date	Client Info	13 Jun 2023	---	---
Machine Age	hrs	Client Info	0	---
Oil Age	hrs	Client Info	31129	---
Oil Changed	Client Info	N/A	---	---
Sample Status		ATTENTION	---	---

WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >500	124	---
Chromium	ppm	ASTM D5185m >10	<1	---
Nickel	ppm	ASTM D5185m	<1	---
Titanium	ppm	ASTM D5185m	<1	---
Silver	ppm	ASTM D5185m	0	---
Aluminum	ppm	ASTM D5185m >25	1	---
Lead	ppm	ASTM D5185m >25	14	---
Copper	ppm	ASTM D5185m >50	166	---
Tin	ppm	ASTM D5185m >10	11	---
Vanadium	ppm	ASTM D5185m	0	---
Cadmium	ppm	ASTM D5185m	0	---

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 2	0	---
Barium	ppm	ASTM D5185m 0	0	---
Molybdenum	ppm	ASTM D5185m 0	<1	---
Manganese	ppm	ASTM D5185m 0	1	---
Magnesium	ppm	ASTM D5185m 9	16	---
Calcium	ppm	ASTM D5185m 3114	3204	---
Phosphorus	ppm	ASTM D5185m 1099	1045	---
Zinc	ppm	ASTM D5185m 1245	1231	---
Sulfur	ppm	ASTM D5185m 7086	7266	---

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >75	14	---
Sodium	ppm	ASTM D5185m	0	---
Potassium	ppm	ASTM D5185m >20	2	---

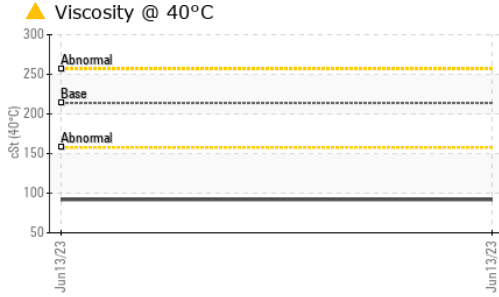
VISUAL

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	LIGHT	---
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 >0.2	NEG	---
Free Water	scalar	*Visual	NEG	---

FLUID PROPERTIES

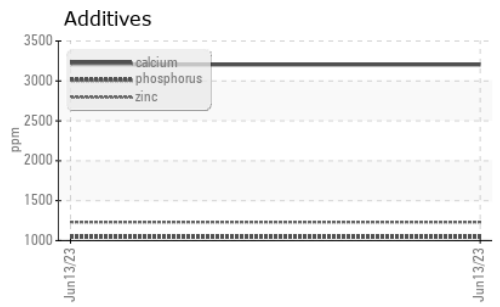
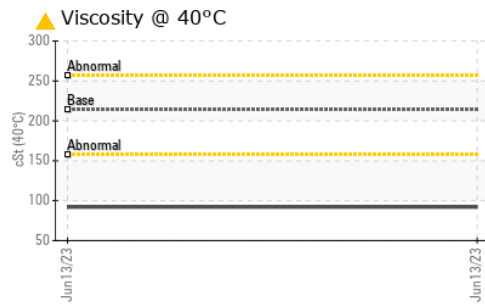
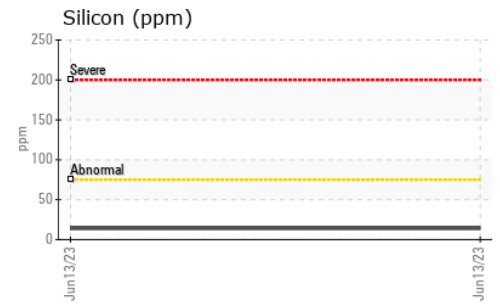
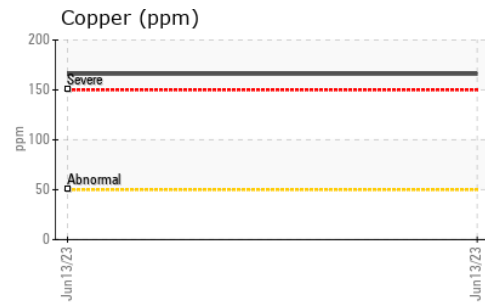
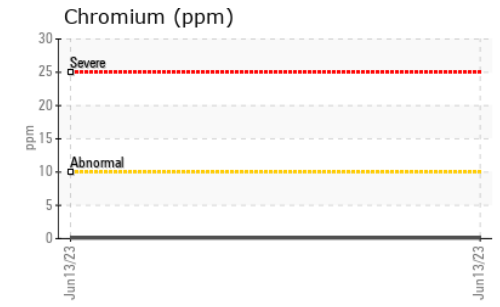
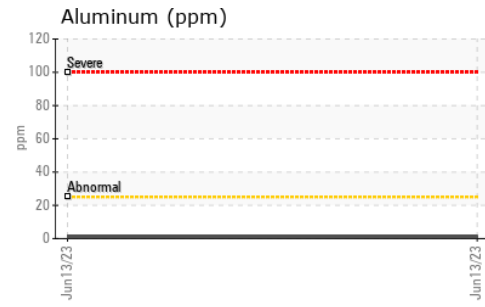
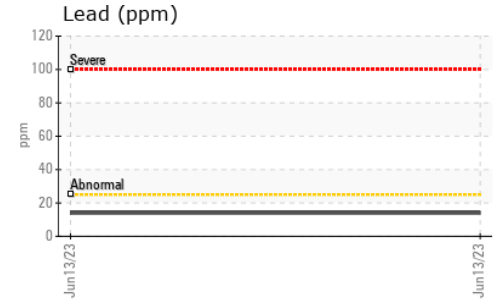
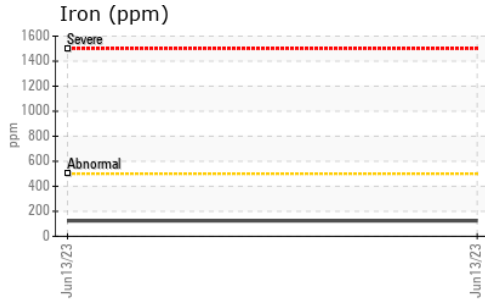
method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445 213.9	▲ 92.0	---

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. : PCA0086359 **Received** : 23 Jun 2023
Lab Number : 05882809 **Diagnosed** : 29 Jun 2023
Unique Number : 10533292 **Diagnostician** : Don Baldrige
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: