

OIL ANALYSIS REPORT

Sample Rating Trend



VISCOSITY



Machine Id
WL152

Component
Transmission

Fluid
PETRO CANADA HYDREX AW 68 (--- GAL)

DIAGNOSIS

Recommendation

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. (Customer Sample Comment: PM-4 changed fluid and filters new purchase)

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the fluid.

Fluid Condition

The fluid viscosity is higher than normal. This plus the additive levels indicates the addition of a different brand, or type of oil. Confirm oil type.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	PCA0086341	---	---
Sample Date	Client Info	13 Jun 2023	---	---
Machine Age	hrs Client Info	31129	---	---
Oil Age	hrs Client Info	31129	---	---
Oil Changed	Client Info	Changed	---	---
Sample Status		ATTENTION	---	---

WEAR METALS

method	limit/base	current	history1	history2
Iron ppm	ASTM D5185m >200	4	---	---
Chromium ppm	ASTM D5185m >10	0	---	---
Nickel ppm	ASTM D5185m	0	---	---
Titanium ppm	ASTM D5185m	0	---	---
Silver ppm	ASTM D5185m	0	---	---
Aluminum ppm	ASTM D5185m >50	0	---	---
Lead ppm	ASTM D5185m >50	1	---	---
Copper ppm	ASTM D5185m >200	15	---	---
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 0	1	---	---
Barium ppm	ASTM D5185m 0	0	---	---
Molybdenum ppm	ASTM D5185m 0	<1	---	---
Manganese ppm	ASTM D5185m 0	0	---	---
Magnesium ppm	ASTM D5185m 0	▲ 55	---	---
Calcium ppm	ASTM D5185m 50	▲ 3308	---	---
Phosphorus ppm	ASTM D5185m 330	▲ 918	---	---
Zinc ppm	ASTM D5185m 430	▲ 1127	---	---
Sulfur ppm	ASTM D5185m 760	▲ 4404	---	---

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon ppm	ASTM D5185m >50	4	---	---
Sodium ppm	ASTM D5185m	0	---	---
Potassium ppm	ASTM D5185m >20	1	---	---

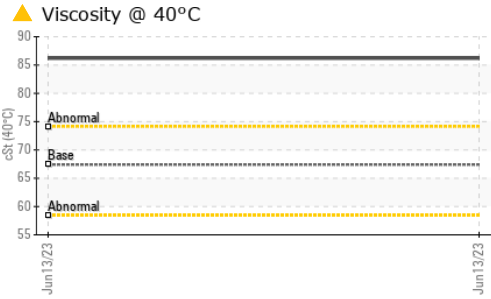
VISUAL

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	---	---

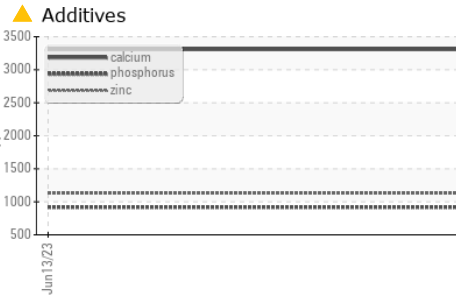
FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C cSt	ASTM D445 67.4	▲ 86.2	---	---

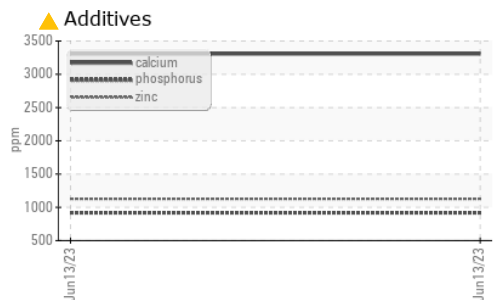
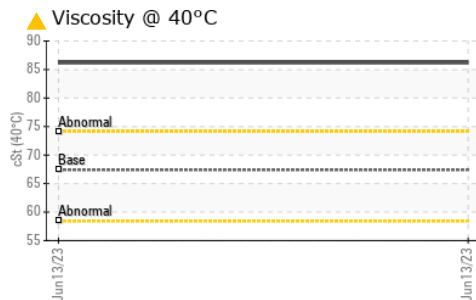
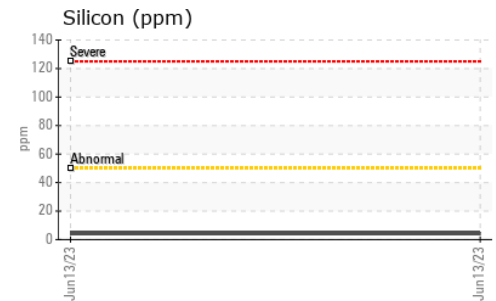
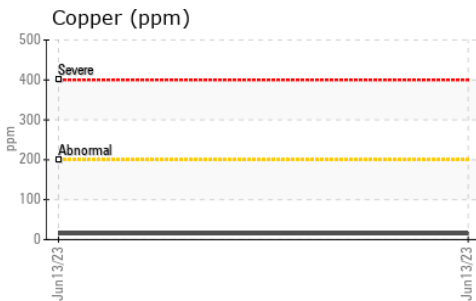
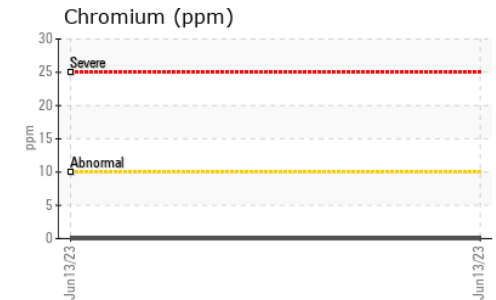
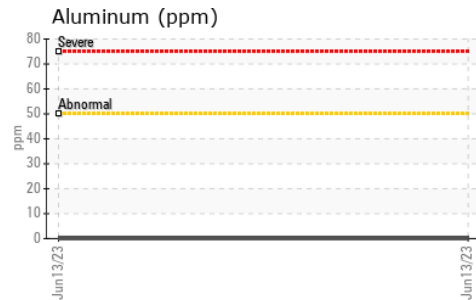
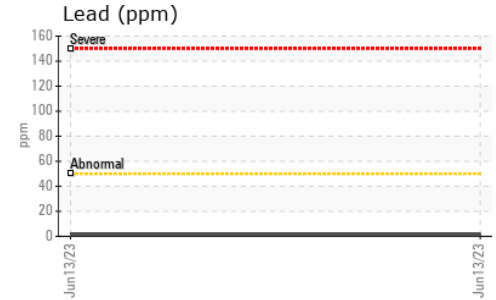
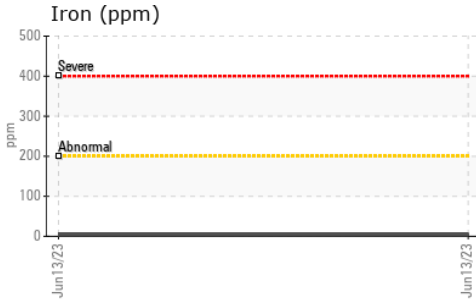
OIL ANALYSIS REPORT



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. : PCA0086341 **Received** : 23 Jun 2023
Lab Number : 05882799 **Diagnosed** : 29 Jun 2023
Unique Number : 10533282 **Diagnostician** : Don Baldridge
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: