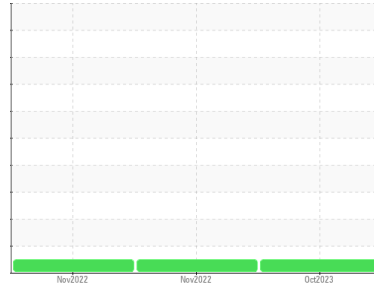


OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Area
[65440]
 Machine Id
WL099
 Component
Transmission (Auto)
 Fluid
PETRO CANADA PRODURO TO-4 SAE 30 (--- GAL)

DIAGNOSIS

Recommendation

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

Wear

All component wear rates are normal.

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		PCA0087066	PCA0070243	PCA0070242
Sample Date	Client Info		20 Oct 2023	10 Nov 2022	10 Nov 2022
Machine Age	hrs	Client Info	2080	2005	2005
Oil Age	hrs	Client Info	2050	2005	2005
Oil Changed		Client Info	N/A	Changed	Changed
Sample Status			NORMAL	NORMAL	NORMAL

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >160	6	4	11
Chromium	ppm	ASTM D5185m >5	<1	<1	<1
Nickel	ppm	ASTM D5185m >5	0	0	0
Titanium	ppm	ASTM D5185m	<1	0	0
Silver	ppm	ASTM D5185m >5	0	0	0
Aluminum	ppm	ASTM D5185m >50	<1	0	1
Lead	ppm	ASTM D5185m >50	0	1	<1
Copper	ppm	ASTM D5185m >225	8	120	14
Tin	ppm	ASTM D5185m >10	<1	0	0
Vanadium	ppm	ASTM D5185m	0	0	0
Cadmium	ppm	ASTM D5185m	<1	3	<1

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 2	5	52	3
Barium	ppm	ASTM D5185m 0	19	0	0
Molybdenum	ppm	ASTM D5185m 0	2	35	<1
Manganese	ppm	ASTM D5185m 9	<1	<1	<1
Magnesium	ppm	ASTM D5185m 1	38	611	68
Calcium	ppm	ASTM D5185m 3131	2574	1290	2878
Phosphorus	ppm	ASTM D5185m 1194	949	884	1005
Zinc	ppm	ASTM D5185m 1281	1135	1037	1206
Sulfur	ppm	ASTM D5185m 3811	8469	4265	9659

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >20	6	6	3
Sodium	ppm	ASTM D5185m	5	2	2
Potassium	ppm	ASTM D5185m >20	4	2	3

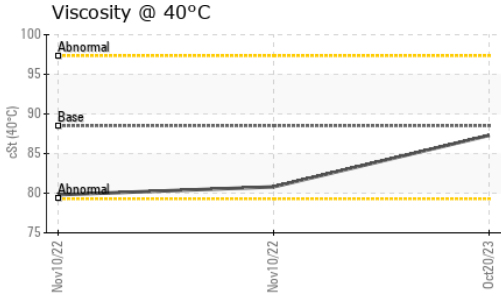
VISUAL

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

FLUID PROPERTIES

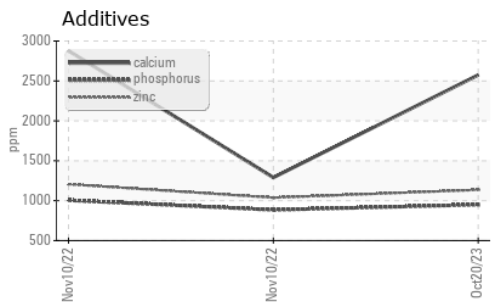
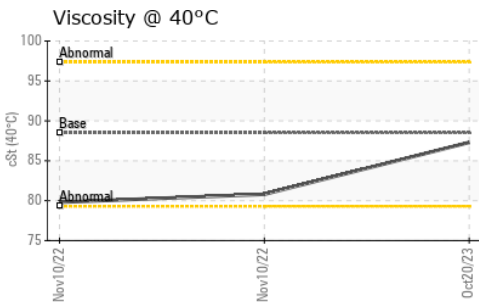
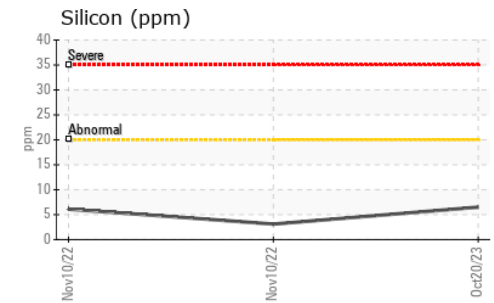
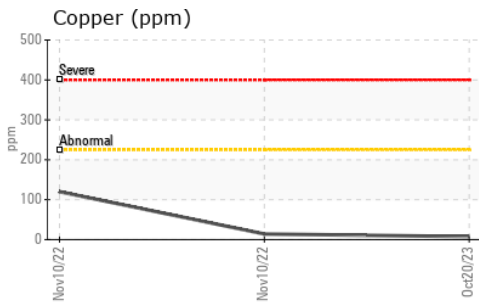
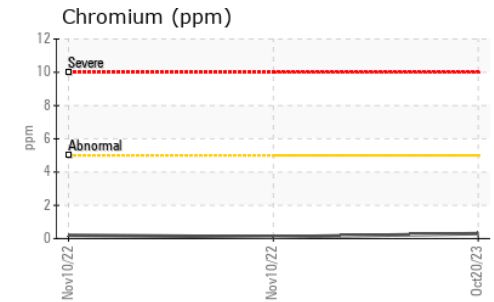
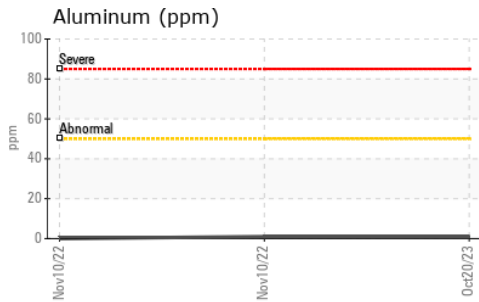
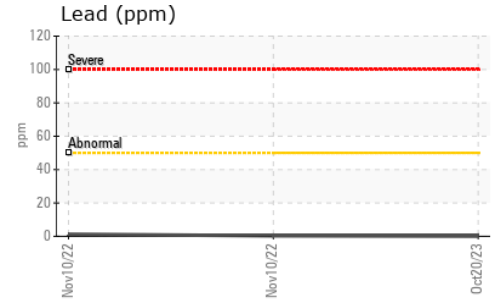
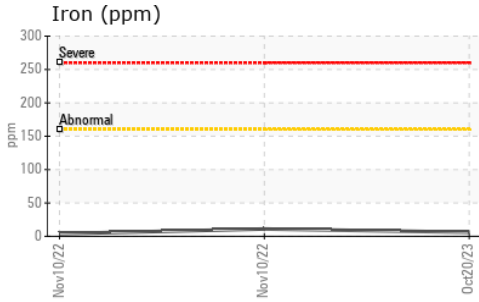
	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445 88.5	87.3	80.8	79.8

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. : PCA0087066 **Received** : 30 Oct 2023
Lab Number : 05993894 **Diagnosed** : 01 Nov 2023
Unique Number : 10722254 **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: