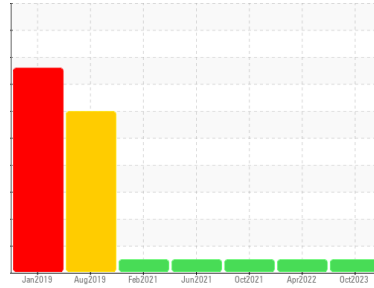


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Area
KEMP QUARRIES / PRYOR STONE [57827]
Machine Id
OHT101
Component
Front Transmission (Manual)
Fluid
PETRO CANADA PRODURO TO-4 SAE 30 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. (Customer Sample Comment: PM-4 changed fluid and 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		PCA0084714	PCA0062495	PCA0011001
Sample Date	Client Info		19 Oct 2023	05 Apr 2022	08 Oct 2021
Machine Age	hrs	Client Info	17273	16935	16717
Oil Age	hrs	Client Info	17273	16717	16717
Oil Changed	Client Info		Changed	Changed	Changed
Sample Status			NORMAL	NORMAL	NORMAL

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >200	21	11	13
Chromium	ppm	ASTM D5185m >5	<1	0	<1
Nickel	ppm	ASTM D5185m >5	0	0	0
Titanium	ppm	ASTM D5185m	<1	<1	<1
Silver	ppm	ASTM D5185m >7	0	<1	<1
Aluminum	ppm	ASTM D5185m >25	<1	0	1
Lead	ppm	ASTM D5185m >45	<1	4	2
Copper	ppm	ASTM D5185m >225	117	99	88
Tin	ppm	ASTM D5185m >10	1	2	2
Antimony	ppm	ASTM D5185m	---	---	<1
Vanadium	ppm	ASTM D5185m	0	0	0
Cadmium	ppm	ASTM D5185m	0	0	0

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 2	4	7	8
Barium	ppm	ASTM D5185m 0	19	0	0
Molybdenum	ppm	ASTM D5185m 0	2	6	6
Manganese	ppm	ASTM D5185m 9	<1	<1	<1
Magnesium	ppm	ASTM D5185m 1	32	81	86
Calcium	ppm	ASTM D5185m 3131	2641	2412	2898
Phosphorus	ppm	ASTM D5185m 1194	963	965	1049
Zinc	ppm	ASTM D5185m 1281	1161	979	1247
Sulfur	ppm	ASTM D5185m 3811	5539	3014	3789

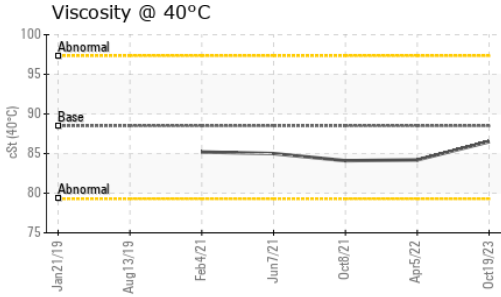
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >125	13	5	5
Sodium	ppm	ASTM D5185m	3	0	2
Potassium	ppm	ASTM D5185m >20	3	0	0

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

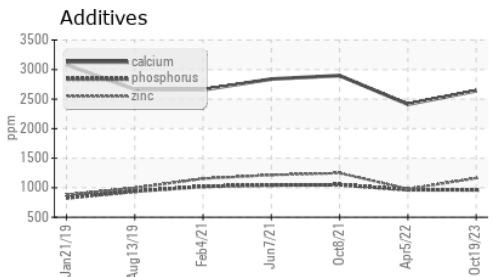
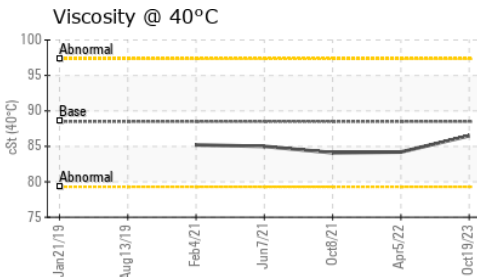
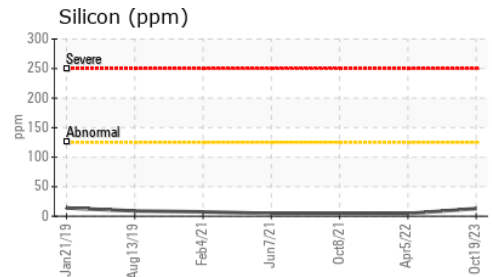
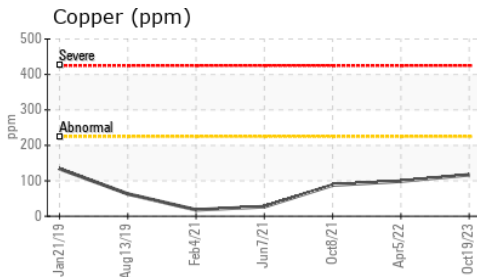
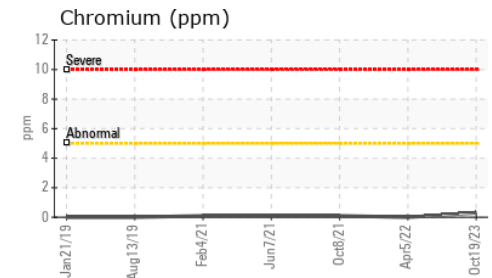
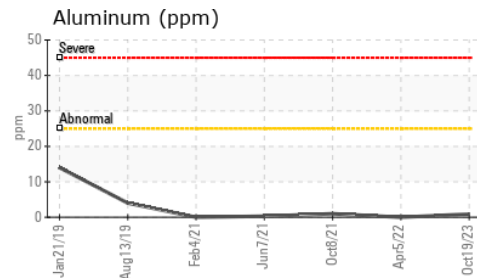
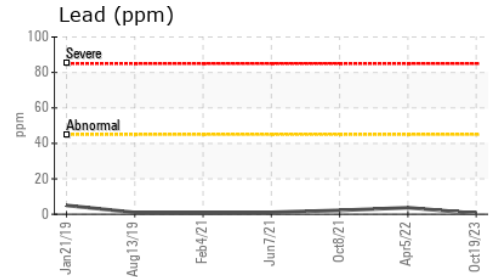
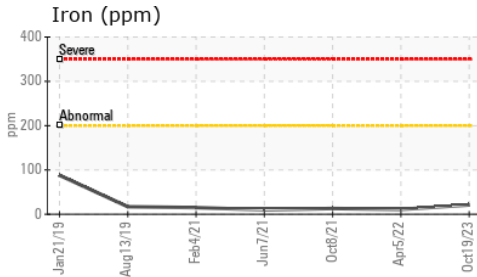
OIL ANALYSIS REPORT



FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	88.5	86.5	84.2	84.1

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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0084714 **Received** : 30 Oct 2023
Lab Number : 05993895 **Diagnosed** : 01 Nov 2023
Unique Number : 10722255 **Diagnostician** : Sean Felton
Test Package : MOB 1

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

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)