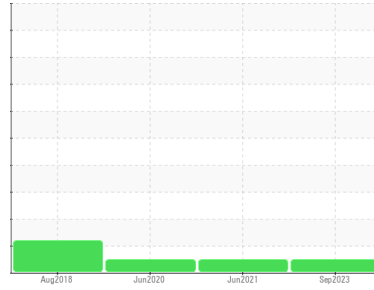


OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Area
KEMP QUARRIES / PRYOR STONE [62280]
 Machine Id
WL104
 Component
Hydraulic System
 Fluid
PETRO CANADA DURATRAN (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. (Customer Sample Comment: PM-2 sampled fluid 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	PCA0084741	PCA0038105	PCA0019707
Sample Date	Client Info	20 Sep 2023	30 Jun 2021	26 Jun 2020
Machine Age	hrs Client Info	223	904	677
Oil Age	hrs Client Info	223	0	159
Oil Changed	Client Info	N/A	Not Changd	N/A
Sample Status		NORMAL	NORMAL	NORMAL

WEAR METALS

method	limit/base	current	history1	history2
Iron ppm	ASTM D5185m >20	3	9	18
Chromium ppm	ASTM D5185m >10	<1	<1	<1
Nickel ppm	ASTM D5185m >10	0	0	<1
Titanium ppm	ASTM D5185m	0	<1	<1
Silver ppm	ASTM D5185m	0	<1	0
Aluminum ppm	ASTM D5185m >10	1	0	2
Lead ppm	ASTM D5185m >10	<1	<1	0
Copper ppm	ASTM D5185m >75	8	9	11
Tin ppm	ASTM D5185m >10	<1	<1	0
Antimony ppm	ASTM D5185m	---	0	4
Vanadium ppm	ASTM D5185m	0	0	0
Cadmium ppm	ASTM D5185m	0	<1	<1

ADDITIVES

method	limit/base	current	history1	history2
Boron ppm	ASTM D5185m 110	5	100	60
Barium ppm	ASTM D5185m 0.0	0	0	2
Molybdenum ppm	ASTM D5185m 0.0	13	11	6
Manganese ppm	ASTM D5185m 1	<1	<1	<1
Magnesium ppm	ASTM D5185m 13	216	153	104
Calcium ppm	ASTM D5185m 3610	543	1061	3134
Phosphorus ppm	ASTM D5185m 1192	572	636	1070
Zinc ppm	ASTM D5185m 1455	692	747	1277
Sulfur ppm	ASTM D5185m 2641	2067	2466	4941

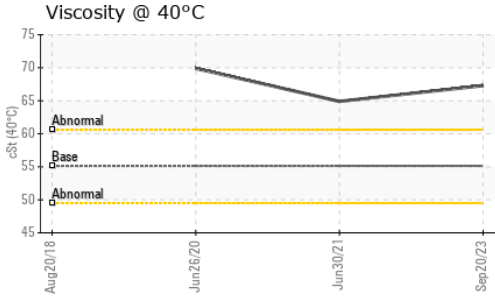
CONTAMINANTS

method	limit/base	current	history1	history2
Silicon ppm	ASTM D5185m >20	4	6	12
Sodium ppm	ASTM D5185m	<1	2	6
Potassium ppm	ASTM D5185m >20	1	3	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	LIGHT	NONE	NONE
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

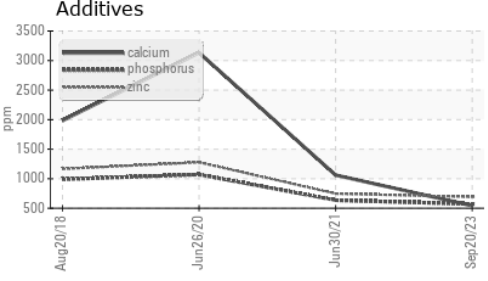
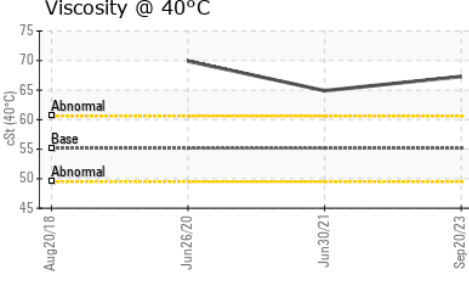
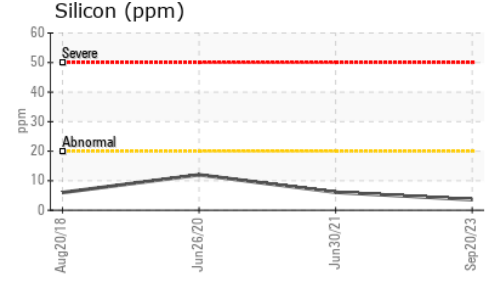
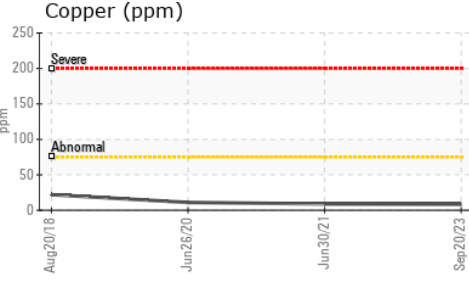
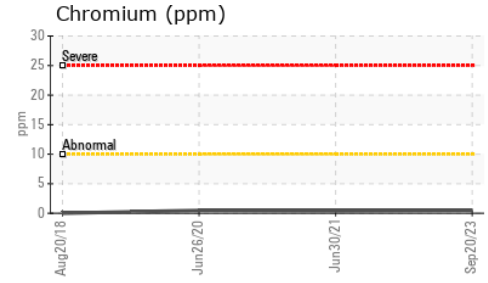
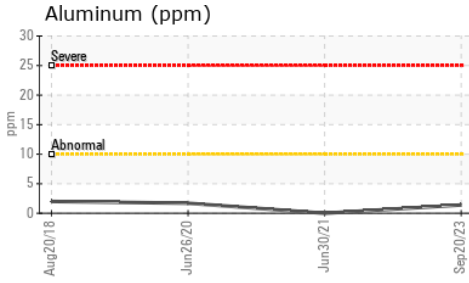
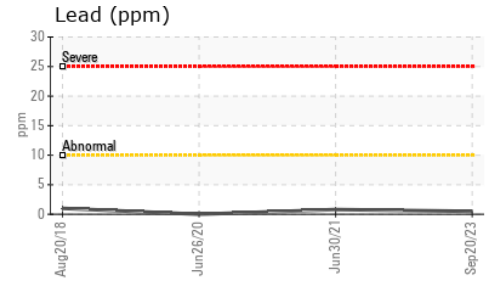
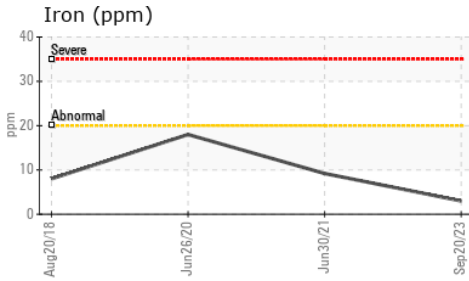


FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	55.14	67.3	64.9	69.9

SAMPLE IMAGES		method	limit/base	current	history1	history2
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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. : PCA0084741 **Received** : 02 Oct 2023
Lab Number : 05966755 **Diagnosed** : 04 Oct 2023
Unique Number : 10673306 **Diagnostician** : Don Baldrige
Test Package : MOB 1

Kemp Quarries - Pryor Stone - Pryor
 1050 E 520 Rd
 Pryor, OK
 US 74361
 Contact:

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)

pryor@pryorstone.com
 T:
 F: