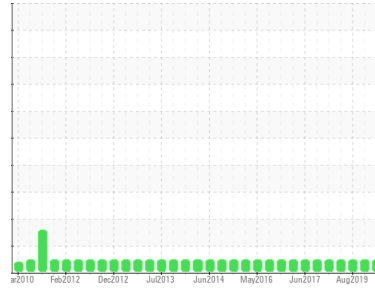


OIL ANALYSIS REPORT



Area
KEMP QUARRIES / PRYOR STONE
Machine Id
WL057
Component
Rear Differential
Fluid
MOBIL MOBILTRANS HD 50 (--- GAL)

Sample Rating Trend



NORMAL



DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

The condition of the oil is acceptable for the time in service.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	PCA0034764	PCA0010806	PCA38321074
Sample Date	Client Info	27 Mar 2021	15 Aug 2020	17 Aug 2019
Machine Age	hrs	24029	23505	22988
Oil Age	hrs	0	0	563
Oil Changed	Client Info	Not Chngd	N/A	N/A
Sample Status		NORMAL	NORMAL	NORMAL

CONTAMINATION

method	limit/base	current	history1	history2
Water	WC Method >.2	NEG	NEG	NEG

WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm ASTM D5185m >500	48	110	82
Chromium	ppm ASTM D5185m >3	0	<1	0
Nickel	ppm ASTM D5185m >3	0	<1	0
Titanium	ppm ASTM D5185m >2	0	<1	0
Silver	ppm ASTM D5185m >2	0	0	0
Aluminum	ppm ASTM D5185m >30	<1	2	2
Lead	ppm ASTM D5185m >13	0	<1	0
Copper	ppm ASTM D5185m >103	8	6	5
Tin	ppm ASTM D5185m >5	0	0	0
Antimony	ppm ASTM D5185m	<1	0	---
Vanadium	ppm ASTM D5185m	0	0	0
Cadmium	ppm ASTM D5185m	0	<1	0

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185m	5	4	2
Barium	ppm ASTM D5185m	0	0	0
Molybdenum	ppm ASTM D5185m	4	6	5
Manganese	ppm ASTM D5185m	<1	<1	0
Magnesium	ppm ASTM D5185m	21	29	26
Calcium	ppm ASTM D5185m	2947	3007	2576
Phosphorus	ppm ASTM D5185m	1082	1003	911
Zinc	ppm ASTM D5185m	1274	1142	965
Sulfur	ppm ASTM D5185m	6214	10901	---

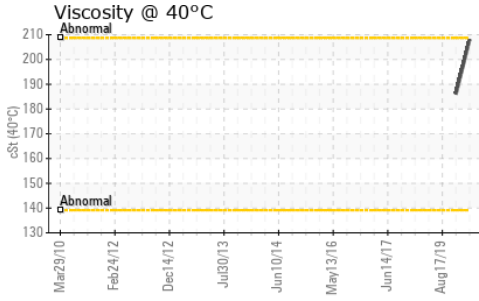
CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m >100	12	17	13
Sodium	ppm ASTM D5185m	0	<1	1
Potassium	ppm ASTM D5185m >20	0	0	2

VISUAL

method	limit/base	current	history1	history2
White Metal	scalar *Visual NONE	NONE	LIGHT	---
Yellow Metal	scalar *Visual NONE	NONE	NONE	---
Precipitate	scalar *Visual NONE	NONE	NONE	---
Silt	scalar *Visual NONE	NONE	NONE	---
Debris	scalar *Visual NONE	NONE	NONE	---
Sand/Dirt	scalar *Visual NONE	NONE	NONE	---
Appearance	scalar *Visual NORML	NORML	NORML	---
Odor	scalar *Visual NORML	NORML	NORML	---
Emulsified Water	scalar *Visual >.2	NEG	NEG	---
Free Water	scalar *Visual	NEG	NEG	Submitted By:

OIL ANALYSIS REPORT

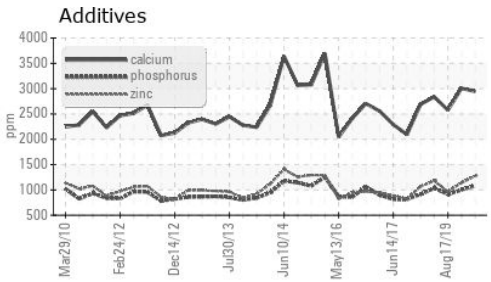
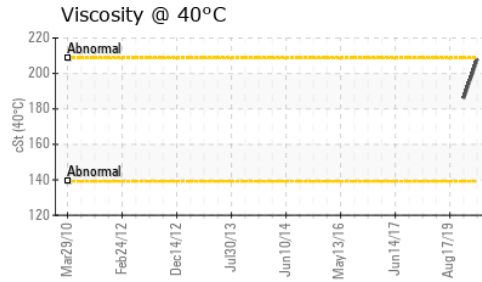
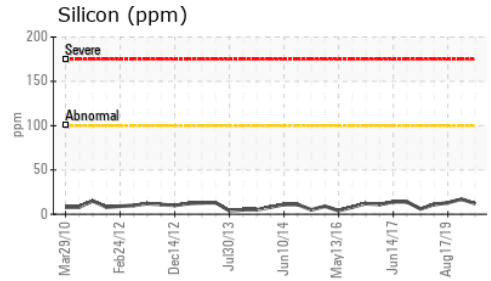
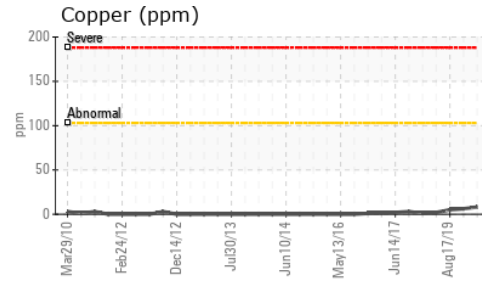
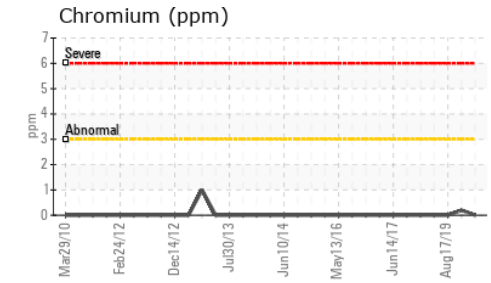
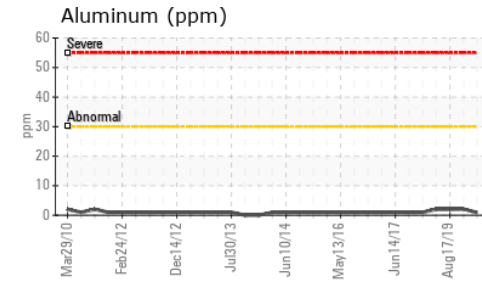
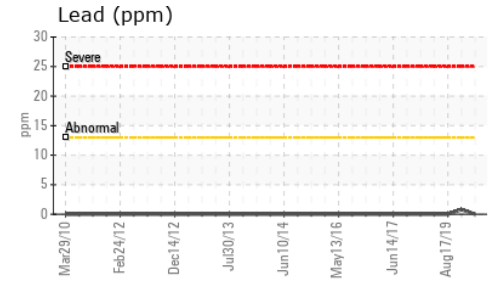
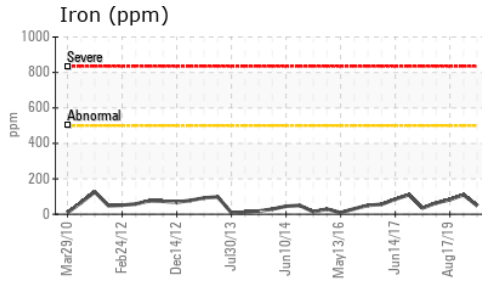


FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445		208	186	---

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. : PCA0034764
Lab Number : 05227201
Unique Number : 9461108
Test Package : MOB 1

Received : 12 Apr 2021
Tested : 14 Apr 2021
Diagnosed : 14 Apr 2021 - Wes Davis

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: