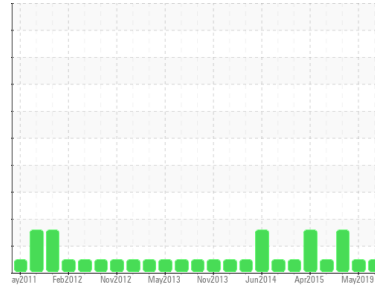


OIL ANALYSIS REPORT



Area
KEMP QUARRIES / PRYOR STONE [19228149044]
Machine Id
WL027
Component
Transmission
Fluid
MOBIL MOBILTRANS HD 30 (--- 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 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		PCA28149044	PCA82439076	PCA03183070
Sample Date	Client Info		01 Aug 2019	24 May 2019	03 Apr 2018
Machine Age	hrs	Client Info	14073	13681	13252
Oil Age	hrs	Client Info	261	761	761
Oil Changed	Client Info		N/A	N/A	N/A
Sample Status			NORMAL	NORMAL	ABNORMAL

CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method		NEG	NEG	NEG

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	4	5	10
Chromium	ppm	ASTM D5185(m)	0	0	0
Nickel	ppm	ASTM D5185(m)	0	0	0
Titanium	ppm	ASTM D5185(m)	0	0	---
Silver	ppm	ASTM D5185(m)	0	0	---
Aluminum	ppm	ASTM D5185(m)	1	2	1
Lead	ppm	ASTM D5185(m)	0	0	0
Copper	ppm	ASTM D5185(m)	1	2	18
Tin	ppm	ASTM D5185(m)	0	0	0
Vanadium	ppm	ASTM D5185(m)	0	0	---
Cadmium	ppm	ASTM D5185(m)	0	0	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	5	6	54
Barium	ppm	ASTM D5185(m)	0	0	0
Molybdenum	ppm	ASTM D5185(m)	1	1	37
Manganese	ppm	ASTM D5185(m)	0	0	---
Magnesium	ppm	ASTM D5185(m)	18	26	566
Calcium	ppm	ASTM D5185(m)	3163	2788	1421
Phosphorus	ppm	ASTM D5185(m)	1008	1005	885
Zinc	ppm	ASTM D5185(m)	1144	1023	948

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	5	5	▲ 13
Sodium	ppm	ASTM D5185(m)	2	3	4
Potassium	ppm	ASTM D5185(m)	1	1	0

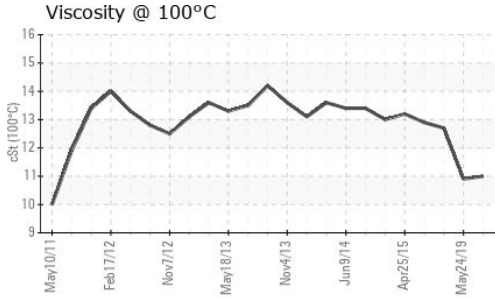
FLUID DEGRADATION

	method	limit/base	current	history1	history2
Oxidation	Abs./1mm	ASTM D7414*	1	---	24

FLUID PROPERTIES

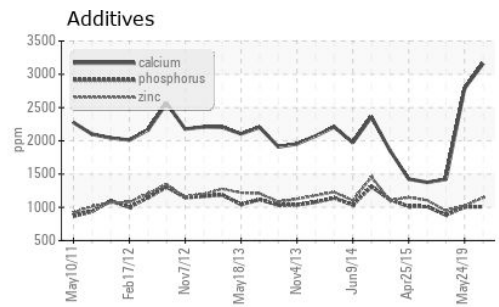
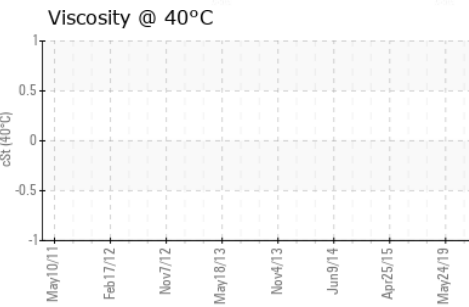
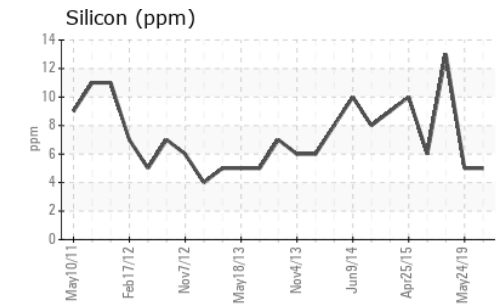
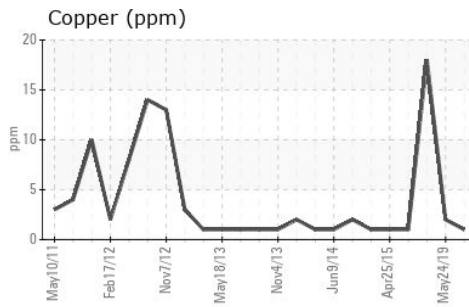
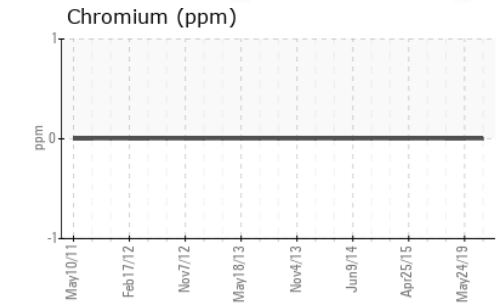
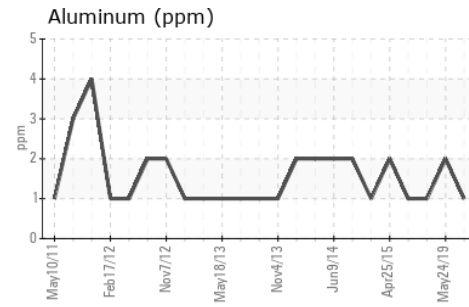
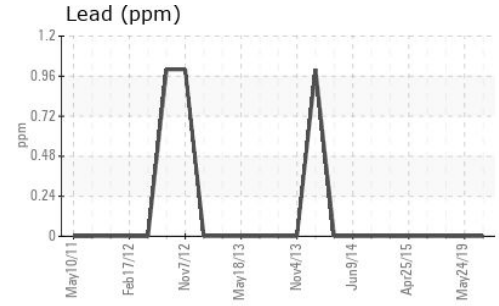
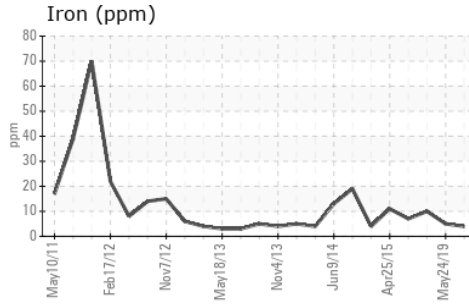
	method	limit/base	current	history1	history2
Visc @ 100°C	cSt	ASTM D7279(m)	11	10.9	12.7

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



Laboratory : WearCheck -
Sample No. : PCA28149044
Lab Number : 28149044
Unique Number : 13441564
Test Package : MOB1+ (Additional Tests: FT-IR, ICP, KV100)

Received : 16 Aug 2019
Diagnosed : 25 Feb 2020
Diagnostician : Wes Davis

To discuss this sample report, contact Customer Service at 1-800-268-2131.
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
 Validity of results and interpretation are based on the sample and information as supplied.

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 Contact:
 pryor@pryorstone.com

T:
F: