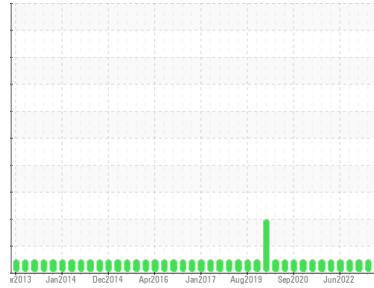


OIL ANALYSIS REPORT



Area
KEMP QUARRIES / HULBERT
 Machine Id
OHT047
 Component
Transmission (Manual)
 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	PCA0109289	PCA0086828	PCA0086115
Sample Date	Client Info	06 Jan 2024	15 Sep 2023	08 Apr 2023
Machine Age	hrs	37484	37028	36026
Oil Age	hrs	0	0	0
Oil Changed	Client Info	Changed	Not Changd	Not Changd
Sample Status		NORMAL	NORMAL	NORMAL

CONTAMINATION

method	limit/base	current	history1	history2
Water	WC Method >0.1	NEG	NEG	NEG

WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm ASTM D5185m >200	4	1	3
Chromium	ppm ASTM D5185m >5	0	0	<1
Nickel	ppm ASTM D5185m >5	0	0	0
Titanium	ppm ASTM D5185m	0	0	0
Silver	ppm ASTM D5185m >7	0	0	0
Aluminum	ppm ASTM D5185m >25	1	0	1
Lead	ppm ASTM D5185m >45	0	<1	0
Copper	ppm ASTM D5185m >225	<1	<1	<1
Tin	ppm ASTM D5185m >10	<1	0	0
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	<1	10
Barium	ppm ASTM D5185m	0	0	0
Molybdenum	ppm ASTM D5185m	2	2	3
Manganese	ppm ASTM D5185m	<1	0	<1
Magnesium	ppm ASTM D5185m	30	37	26
Calcium	ppm ASTM D5185m	3043	3080	3162
Phosphorus	ppm ASTM D5185m	816	878	845
Zinc	ppm ASTM D5185m	996	1086	1034
Sulfur	ppm ASTM D5185m	2948	3449	3829

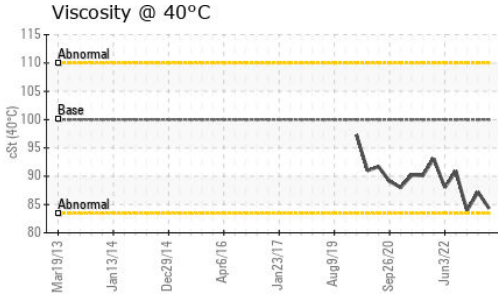
CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m >125	9	6	9
Sodium	ppm ASTM D5185m	1	<1	<1
Potassium	ppm ASTM D5185m >20	0	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	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

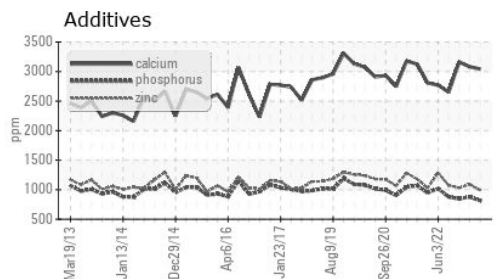
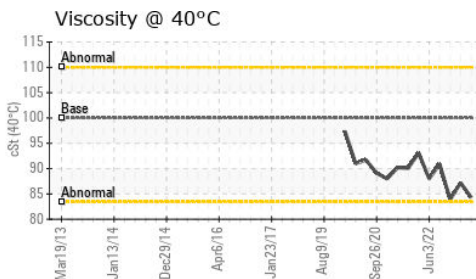
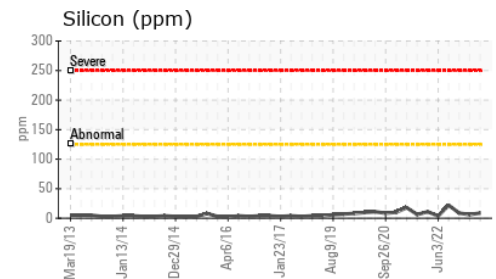
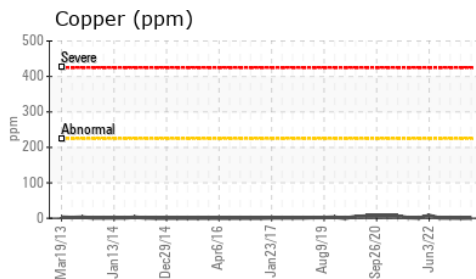
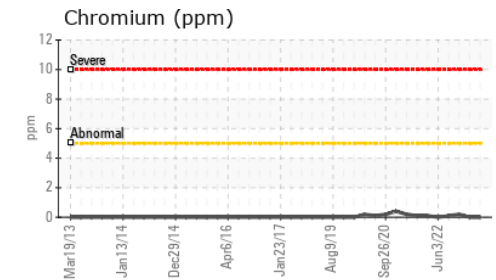
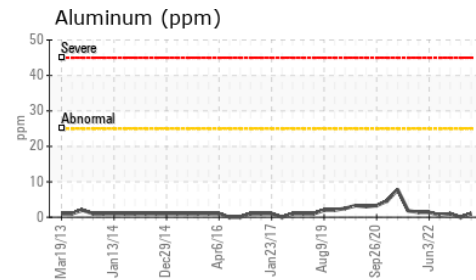
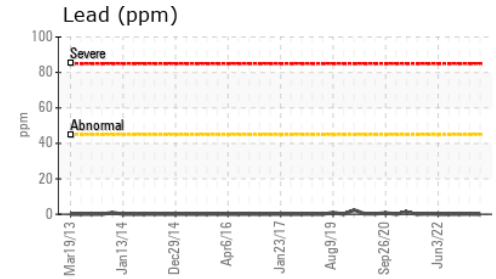
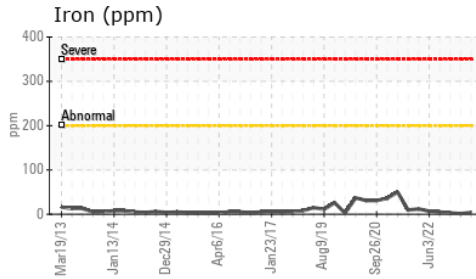
OIL ANALYSIS REPORT



FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	100	84.3	87.2	83.9

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. : PCA0109289 **Received** : 24 Jan 2024
Lab Number : 06070173 **Diagnosed** : 25 Jan 2024
Unique Number : 10846850 **Diagnostician** : Wes Davis
Test Package : MOB 1

Kemp Quarries - Kemp Stone - Hulbert
 17801 Hwy 80
 Hulbert, OK
 US 74441
 Contact:
 hulbert@kempstone.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)