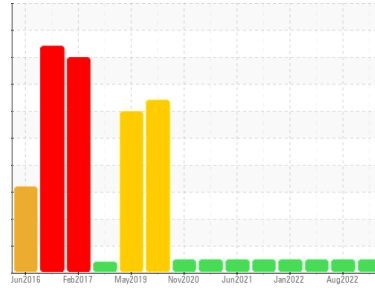


# OIL ANALYSIS REPORT



Area  
**KEMP QUARRIES / RIVER VALLEY BACKBONE**  
Machine Id  
**TTH026**  
Component  
**Hydraulic System**  
Fluid  
**MOBIL DELVAC 1300 SUPER15W40 (--- 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	<b>PCA0070143</b>	PCA0070127	PCA0034560
Sample Date	Client Info	<b>10 Nov 2023</b>	01 Aug 2022	13 May 2022
Machine Age	hrs	<b>23421</b>	21864	20866
Oil Age	hrs	<b>600</b>	1006	600
Oil Changed	Client Info	<b>Not Chngd</b>	Not Chngd	Not Chngd
Sample Status		<b>NORMAL</b>	NORMAL	NORMAL

## CONTAMINATION

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

## WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm ASTM D5185m >20	<b>3</b>	17	5
Chromium	ppm ASTM D5185m >10	<b>&lt;1</b>	<1	0
Nickel	ppm ASTM D5185m >10	<b>&lt;1</b>	0	0
Titanium	ppm ASTM D5185m	<b>&lt;1</b>	0	0
Silver	ppm ASTM D5185m	<b>0</b>	<1	<1
Aluminum	ppm ASTM D5185m >10	<b>2</b>	<1	<1
Lead	ppm ASTM D5185m >10	<b>0</b>	<1	<1
Copper	ppm ASTM D5185m >75	<b>&lt;1</b>	2	2
Tin	ppm ASTM D5185m >10	<b>0</b>	0	<1
Antimony	ppm ASTM D5185m	<b>---</b>	---	---
Vanadium	ppm ASTM D5185m	<b>0</b>	0	0
Cadmium	ppm ASTM D5185m	<b>&lt;1</b>	0	0

## ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185m 0	<b>2</b>	0	3
Barium	ppm ASTM D5185m 0	<b>0</b>	0	0
Molybdenum	ppm ASTM D5185m 0	<b>5</b>	2	2
Manganese	ppm ASTM D5185m	<b>0</b>	<1	0
Magnesium	ppm ASTM D5185m 0	<b>53</b>	18	27
Calcium	ppm ASTM D5185m	<b>126</b>	288	417
Phosphorus	ppm ASTM D5185m	<b>405</b>	352	414
Zinc	ppm ASTM D5185m	<b>504</b>	466	506
Sulfur	ppm ASTM D5185m	<b>1087</b>	1102	1085

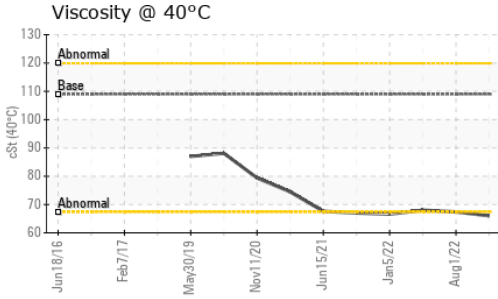
## CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m >20	<b>&lt;1</b>	2	1
Sodium	ppm ASTM D5185m	<b>0</b>	0	0
Potassium	ppm ASTM D5185m >20	<b>&lt;1</b>	<1	0

## VISUAL

method	limit/base	current	history1	history2
White Metal	scalar *Visual NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar *Visual NONE	<b>NONE</b>	NONE	NONE
Precipitate	scalar *Visual NONE	<b>NONE</b>	NONE	NONE
Silt	scalar *Visual NONE	<b>NONE</b>	NONE	NONE
Debris	scalar *Visual NONE	<b>NONE</b>	NONE	NONE
Sand/Dirt	scalar *Visual NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar *Visual NORML	<b>NORML</b>	NORML	NORML
Odor	scalar *Visual NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar *Visual >0.1	<b>NEG</b>	NEG	NEG
Free Water	scalar *Visual	<b>NEG</b>	NEG	NEG

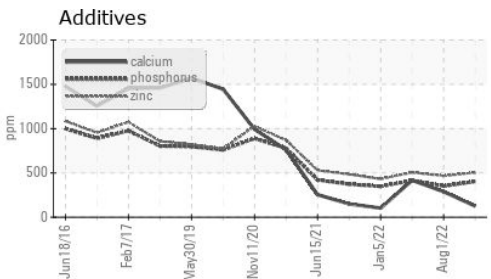
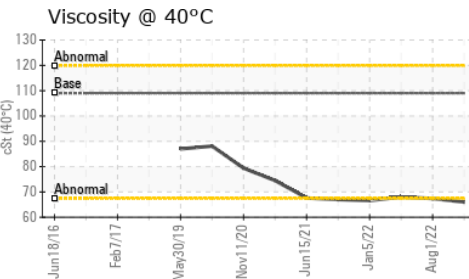
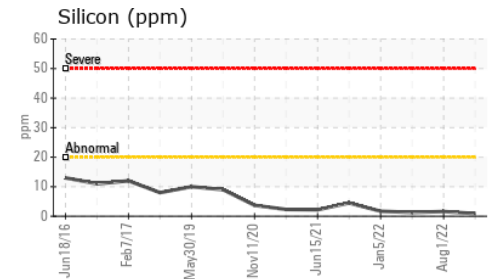
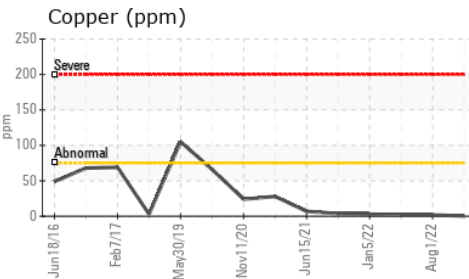
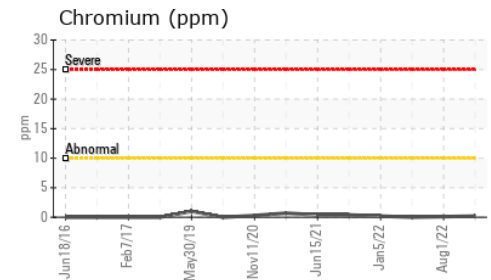
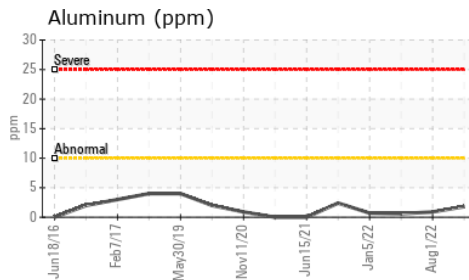
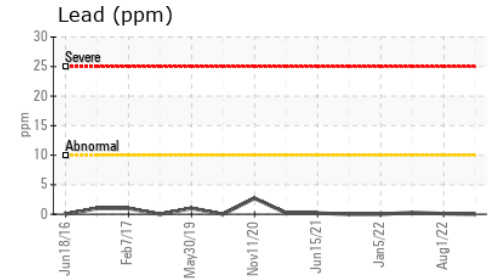
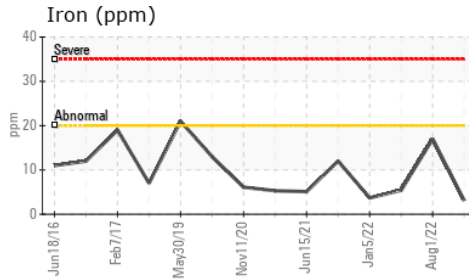
# OIL ANALYSIS REPORT



FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	109	<b>66.0</b>	67.4	68.0

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.** : PCA0070143  
**Lab Number** : 06014683  
**Unique Number** : 10753827  
**Test Package** : MOB 1

**Kemp Quarries - River Valley - Backbone**  
 5600 S Hwy 253  
 Huntington, AR  
 US 72940  
 Contact: BACKBONE NOTIFICATIONS  
 backbone@rivervalleyquarries.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: