

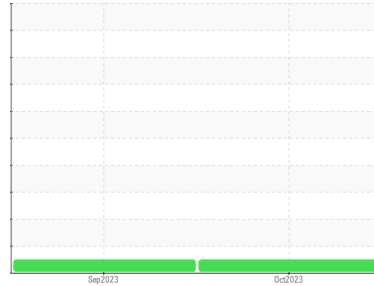
# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Area  
**KEMP QUARRIES / RIVER VALLEY BACKBONE**  
Machine Id  
**OHT124**  
Component  
**Rear Rear Right Final Drive**  
Fluid  
**NOT GIVEN (--- GAL)**



## 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>PCA0084842</b>	PCA0084789	---
Sample Date	Client Info			<b>25 Oct 2023</b>	18 Sep 2023	---
Machine Age	hrs	Client Info		<b>30229</b>	30012	---
Oil Age	hrs	Client Info		<b>217</b>	325	---
Oil Changed	Client Info			<b>Not Chngd</b>	Changed	---
Sample Status				<b>NORMAL</b>	NORMAL	---

WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>800	<b>24</b>	147	---
Chromium	ppm	ASTM D5185m	>10	<b>0</b>	<1	---
Nickel	ppm	ASTM D5185m	>5	<b>0</b>	<1	---
Titanium	ppm	ASTM D5185m	>15	<b>0</b>	2	---
Silver	ppm	ASTM D5185m	>2	<b>0</b>	0	---
Aluminum	ppm	ASTM D5185m	>75	<b>1</b>	9	---
Lead	ppm	ASTM D5185m	>10	<b>0</b>	2	---
Copper	ppm	ASTM D5185m	>75	<b>1</b>	10	---
Tin	ppm	ASTM D5185m	>8	<b>0</b>	1	---
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	---
Cadmium	ppm	ASTM D5185m		<b>0</b>	0	---

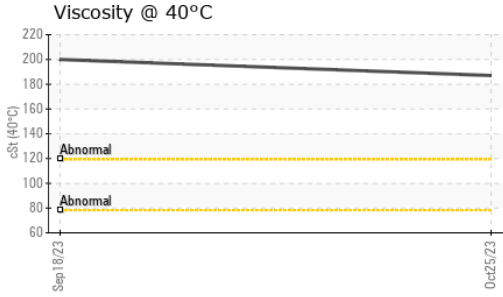
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		<b>0</b>	6	---
Barium	ppm	ASTM D5185m		<b>0</b>	0	---
Molybdenum	ppm	ASTM D5185m		<b>&lt;1</b>	<1	---
Manganese	ppm	ASTM D5185m		<b>0</b>	2	---
Magnesium	ppm	ASTM D5185m		<b>19</b>	14	---
Calcium	ppm	ASTM D5185m		<b>3103</b>	3518	---
Phosphorus	ppm	ASTM D5185m		<b>868</b>	920	---
Zinc	ppm	ASTM D5185m		<b>1145</b>	1140	---
Sulfur	ppm	ASTM D5185m		<b>5004</b>	4922	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>400	<b>16</b>	77	---
Sodium	ppm	ASTM D5185m		<b>2</b>	<1	---
Potassium	ppm	ASTM D5185m	>20	<b>0</b>	<1	---

VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	<b>NONE</b>	MODER	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Precipitate	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Emulsified Water	scalar	*Visual	>0.2	<b>NEG</b>	NEG	---
Free Water	scalar	*Visual		<b>NEG</b>	NEG	---

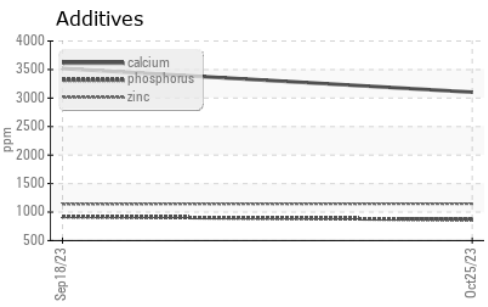
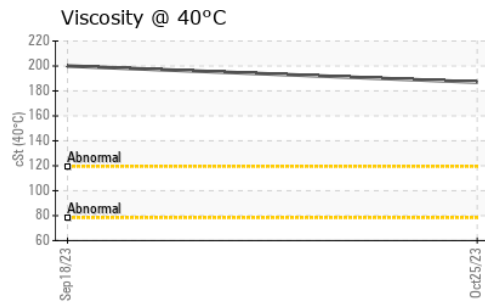
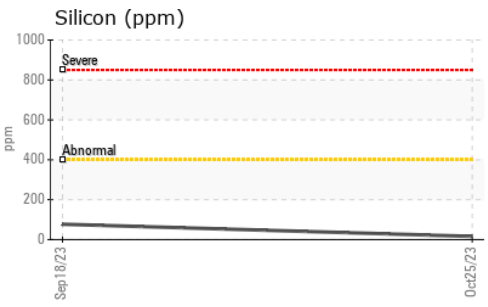
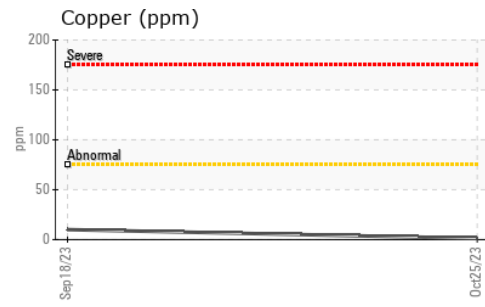
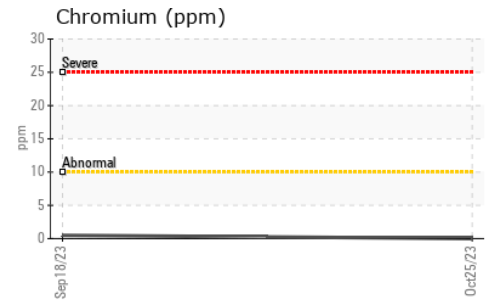
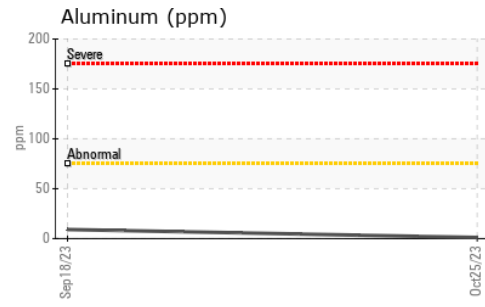
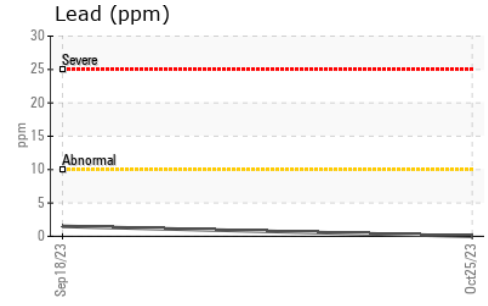
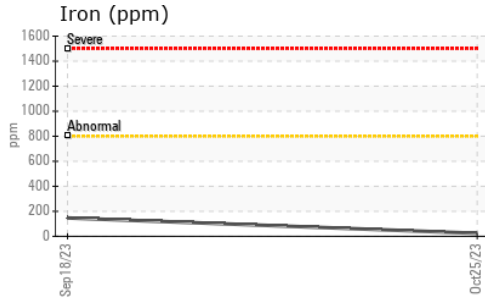
FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445		<b>187</b>	200	---

# 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



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : PCA0084842      **Received** : 06 Nov 2023  
**Lab Number** : 06000063      **Diagnosed** : 07 Nov 2023  
**Unique Number** : 10728423      **Diagnostician** : Wes Davis  
**Test Package** : MOB 1

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