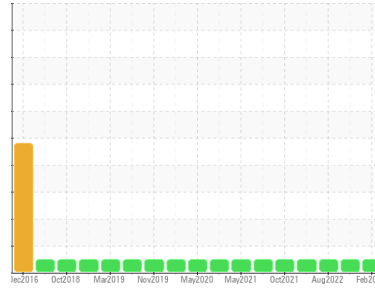


# OIL ANALYSIS REPORT



Area  
**KEMP QUARRIES / BCS - GRAVETTE [68022]**  
Machine Id  
**WL110**  
Component  
**Front Right Final Drive**  
Fluid  
**MOBIL MOBILTRANS HD 50 (--- GAL)**

## Sample Rating Trend



**NORMAL**



## DIAGNOSIS

### Recommendation

Resample at the next service interval to monitor. ( Customer Sample Comment: Pm2 )

### 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>PCA0108907</b>	PCA0085733	PCA0062464
Sample Date	Client Info	<b>13 Feb 2024</b>	10 May 2023	29 Aug 2022
Machine Age	hrs	<b>28314</b>	27770	27477
Oil Age	hrs	<b>544</b>	27770	27477
Oil Changed	Client Info	<b>N/A</b>	Changed	N/A
Sample Status		<b>NORMAL</b>	NORMAL	NORMAL

## CONTAMINATION

method	limit/base	current	history1	history2
Water	WC Method >0.2	<b>NEG</b>	NEG	NEG

## WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm ASTM D5185m >800	<b>7</b>	39	35
Chromium	ppm ASTM D5185m >10	<b>&lt;1</b>	<1	<1
Nickel	ppm ASTM D5185m >5	<b>0</b>	0	<1
Titanium	ppm ASTM D5185m >15	<b>0</b>	0	<1
Silver	ppm ASTM D5185m >2	<b>0</b>	0	<1
Aluminum	ppm ASTM D5185m >75	<b>&lt;1</b>	0	3
Lead	ppm ASTM D5185m >10	<b>0</b>	<1	<1
Copper	ppm ASTM D5185m >75	<b>&lt;1</b>	6	7
Tin	ppm ASTM D5185m >8	<b>0</b>	0	<1
Antimony	ppm ASTM D5185m >50	<b>---</b>	---	---
Vanadium	ppm ASTM D5185m	<b>0</b>	0	0
Cadmium	ppm ASTM D5185m	<b>0</b>	0	<1

## ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185m	<b>0</b>	22	34
Barium	ppm ASTM D5185m	<b>0</b>	11	0
Molybdenum	ppm ASTM D5185m	<b>&lt;1</b>	<1	<1
Manganese	ppm ASTM D5185m	<b>&lt;1</b>	<1	<1
Magnesium	ppm ASTM D5185m	<b>20</b>	32	20
Calcium	ppm ASTM D5185m	<b>3276</b>	2714	2722
Phosphorus	ppm ASTM D5185m	<b>895</b>	949	973
Zinc	ppm ASTM D5185m	<b>1207</b>	1034	1085
Sulfur	ppm ASTM D5185m	<b>4597</b>	7070	7429

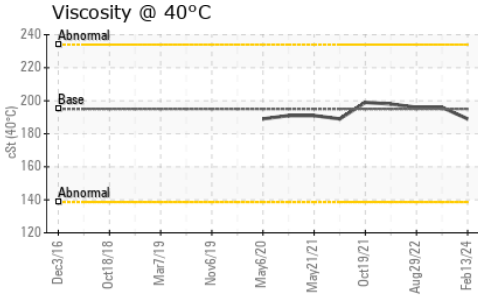
## CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m >400	<b>10</b>	18	17
Sodium	ppm ASTM D5185m	<b>0</b>	<1	0
Potassium	ppm ASTM D5185m >20	<b>0</b>	0	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 >0.2	<b>NEG</b>	NEG	NEG
Free Water	scalar *Visual	<b>NEG</b>	NEG	NEG

# OIL ANALYSIS REPORT

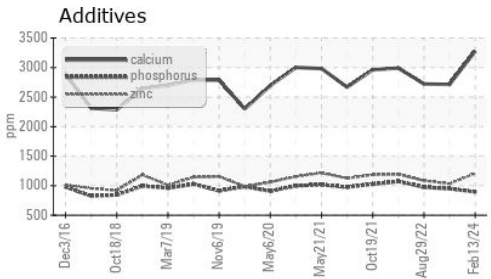
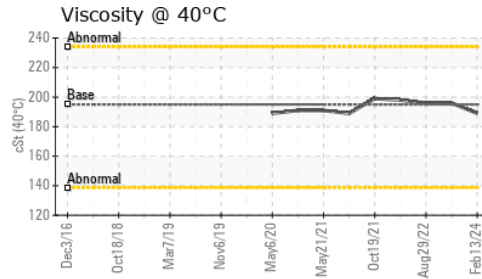
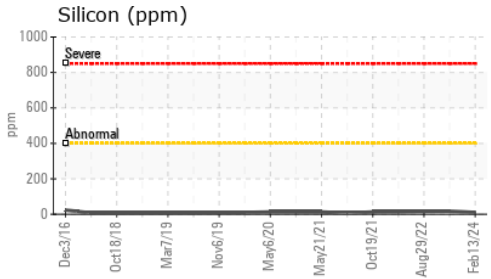
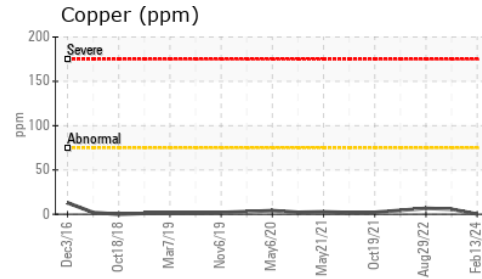
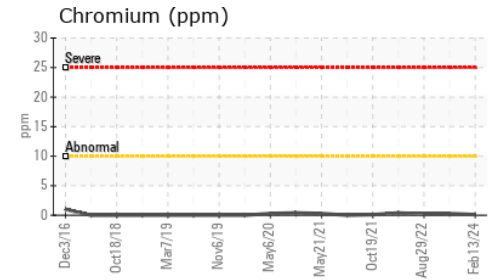
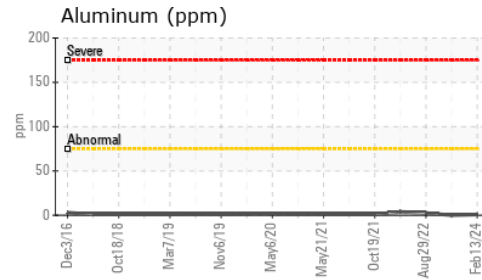
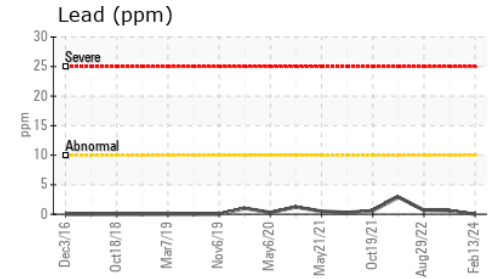
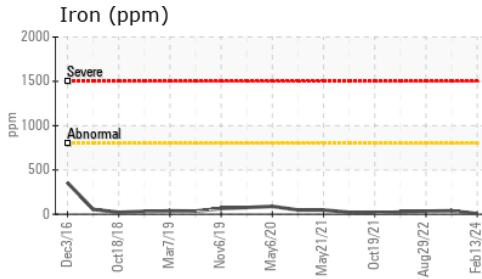


FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	195	<b>189</b>	196	196

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. : PCA0108907  
 Lab Number : **06101209**  
 Unique Number : 10899439  
 Test Package : MOB 1

Received : 26 Feb 2024  
 Tested : 28 Feb 2024  
 Diagnosed : 28 Feb 2024 - Sean Felton

Kemp Quarries - Benton County Stone - Gravette  
 15100 N Hwy 59  
 Sulphur Springs, AR  
 US 72768

Contact: gravette@bentoncountystone.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: