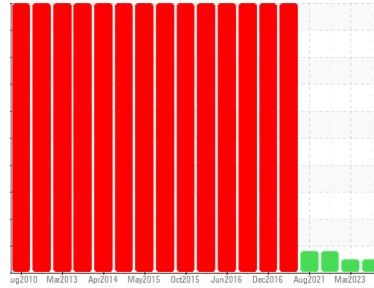


OIL ANALYSIS REPORT



Area
KEMP QUARRIES / RIVER VALLEY OZARK
Machine Id
WL053
Component
Rear Left Final Drive
Fluid
MOBIL MOBILTRANS HD 50 (--- GAL)

Sample Rating Trend



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 suitable for further service.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	PCA0069741	PCA0084591	PCA0048234
Sample Date	Client Info	12 Oct 2023	03 Mar 2023	18 Mar 2022
Machine Age	hrs	38230	37915	37414
Oil Age	hrs	37414	284	36919
Oil Changed	Client Info	N/A	N/A	Changed
Sample Status		NORMAL	NORMAL	ABNORMAL

WEAR METALS

method	limit/base	current	history1	history2	
Iron	ppm	ASTM D5185m >800	248	293	▲ 685
Chromium	ppm	ASTM D5185m >10	<1	<1	<1
Nickel	ppm	ASTM D5185m >5	<1	0	<1
Titanium	ppm	ASTM D5185m >15	<1	<1	<1
Silver	ppm	ASTM D5185m >2	0	0	<1
Aluminum	ppm	ASTM D5185m >75	2	2	4
Lead	ppm	ASTM D5185m >10	<1	<1	1
Copper	ppm	ASTM D5185m >75	11	8	9
Tin	ppm	ASTM D5185m >8	<1	0	<1
Antimony	ppm	ASTM D5185m >50	---	---	---
Vanadium	ppm	ASTM D5185m	0	0	0
Cadmium	ppm	ASTM D5185m	<1	0	<1

ADDITIVES

method	limit/base	current	history1	history2	
Boron	ppm	ASTM D5185m	16	16	40
Barium	ppm	ASTM D5185m	0	0	0
Molybdenum	ppm	ASTM D5185m	5	7	14
Manganese	ppm	ASTM D5185m	2	2	5
Magnesium	ppm	ASTM D5185m	93	107	235
Calcium	ppm	ASTM D5185m	1376	1758	933
Phosphorus	ppm	ASTM D5185m	571	646	656
Zinc	ppm	ASTM D5185m	679	745	631
Sulfur	ppm	ASTM D5185m	4196	6218	4865

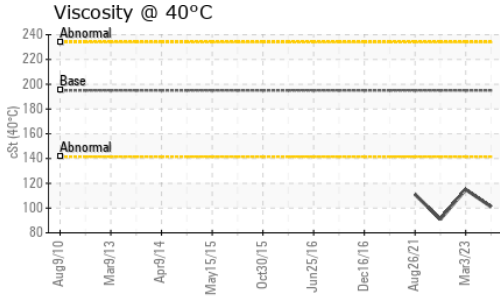
CONTAMINANTS

method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185m >400	20	21	37
Sodium	ppm	ASTM D5185m	2	1	3
Potassium	ppm	ASTM D5185m >20	2	0	0

VISUAL

method	limit/base	current	history1	history2	
White Metal	scalar	*Visual NONE	NONE	MODER	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 >0.2	NEG	NEG	NEG
Free Water	scalar	*Visual	NEG	NEG	NEG

OIL ANALYSIS REPORT



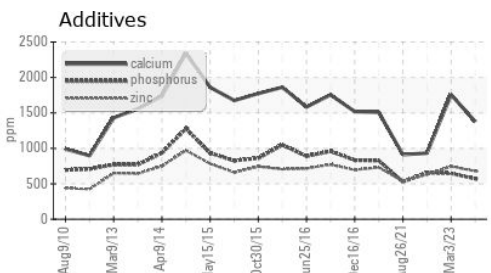
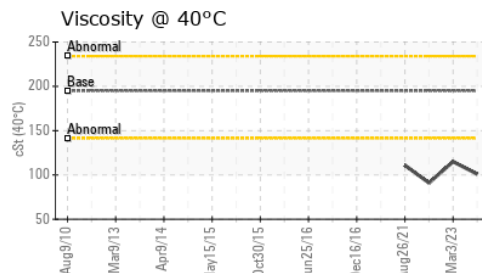
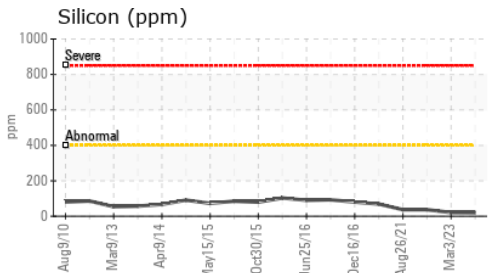
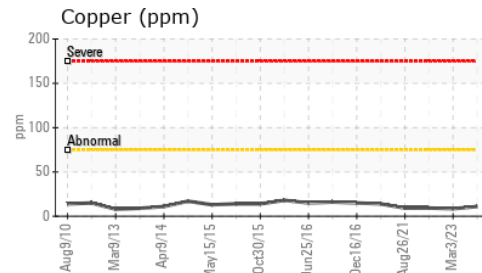
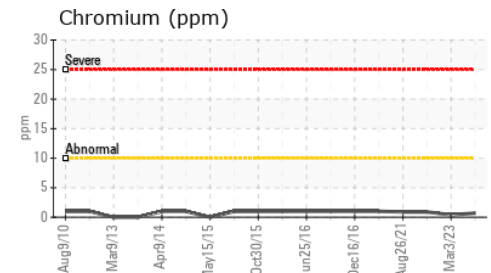
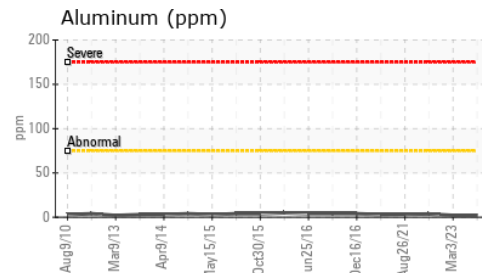
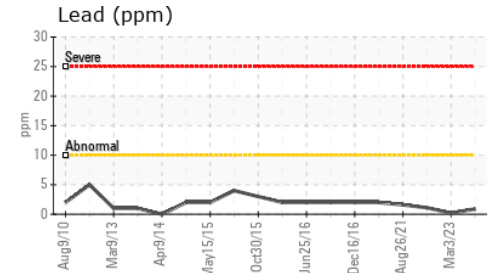
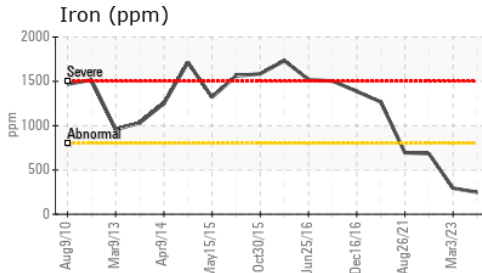
FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C	cSt ASTM D445	195	101	115

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. : PCA0069741
Lab Number : 05985891
Unique Number : 10708553
Test Package : MOB 1

Kemp Quarries - River Valley - Ozark
 9446 N Hwy 309
 Ozark, AR
 US 72949
 Contact:

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)

ozark@rivervalleyquarries.com

T:

F: