



# OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area  
**OKLAHOMA/102/EG - ROLLER/COMPACTOR**  
Machine Id  
**64.21L [OKLAHOMA^102^EG - ROLLER/COMPACTOR]**  
Component  
**Left Gear Drive**  
Fluid  
**MOBIL SHC 630 (--- GAL)**

## RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WCMCF30744	WC57567065	---
Sample Date		Client Info		06 Mar 2017	30 May 2012	---
Machine Age	hrs	Client Info		3096	1074	---
Oil Age	hrs	Client Info		250	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		Changed	N/A	---
Filter Changed		Client Info		N/A	Unknown	---
Sample Status				NORMAL	NORMAL	---

## WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>500	16	6	---
Chromium	ppm	ASTM D5185m	>5	<1	0	---
Nickel	ppm	ASTM D5185m	>8	0	0	---
Titanium	ppm	ASTM D5185m		0	0	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>20	0	0	---
Lead	ppm	ASTM D5185m	>20	0	0	---
Copper	ppm	ASTM D5185m	>500	3	6	---
Tin	ppm	ASTM D5185m	>75	2	0	---
Vanadium	ppm	ASTM D5185m		0	0	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---

## CONTAMINATION

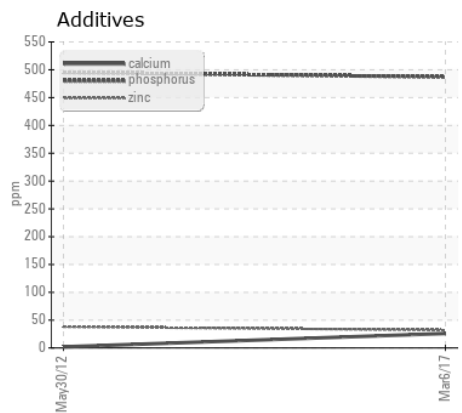
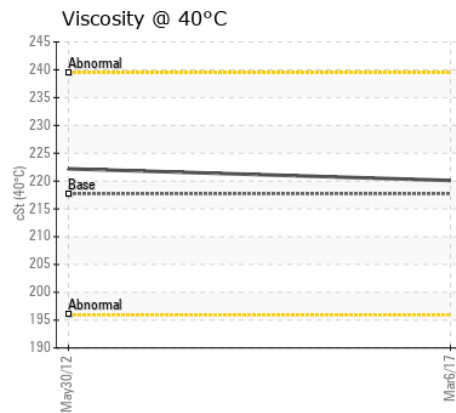
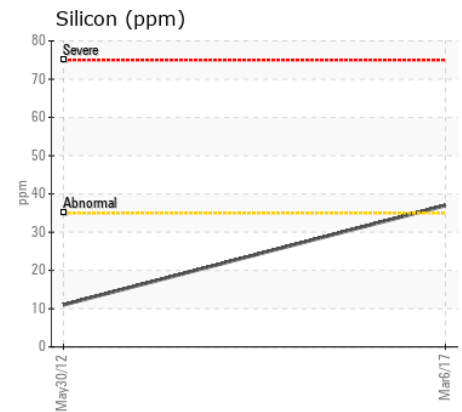
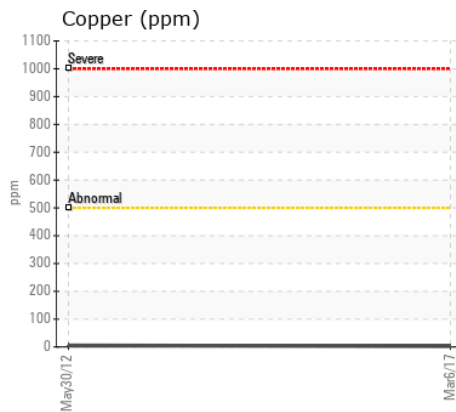
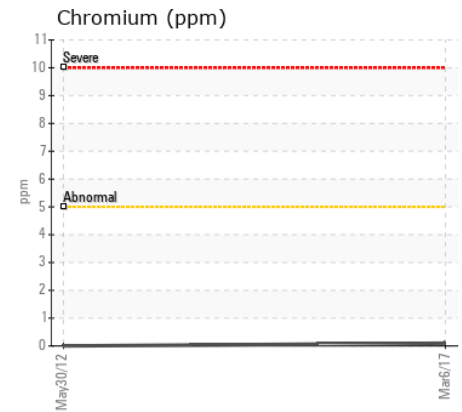
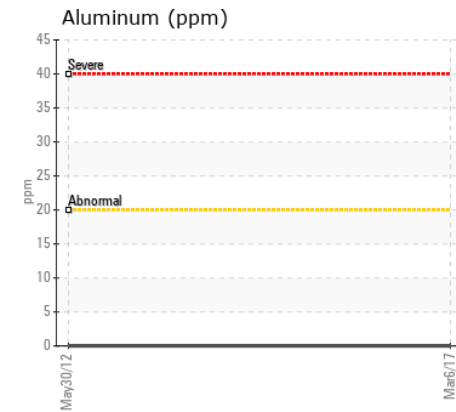
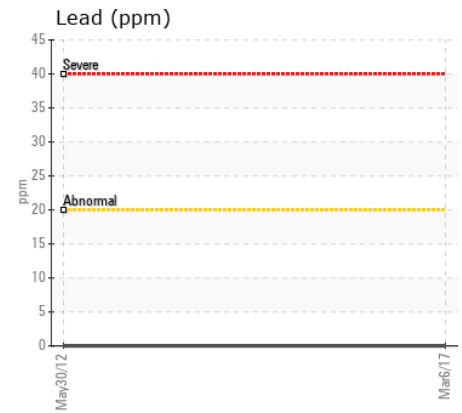
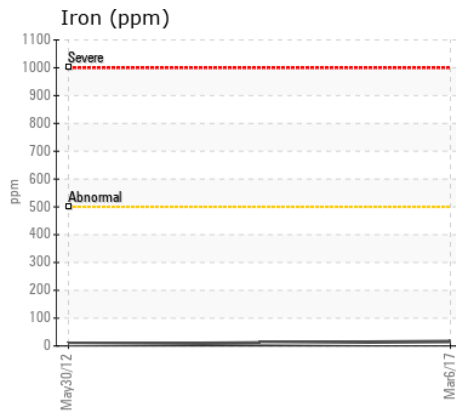
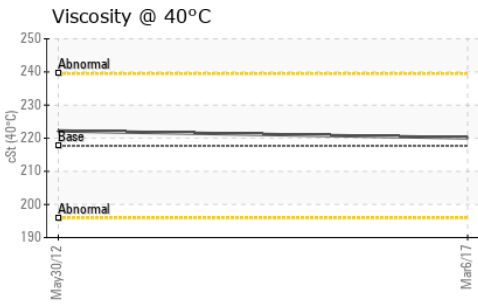
There is no indication of any contamination in the component.

Silicon	ppm	ASTM D5185m	>35	37	11	---
Potassium	ppm	ASTM D5185m	>20	2	0	---
Water		WC Method	>0.2	NEG	NEG	---
Silt	scalar	*Visual	NONE	NONE	---	---
Debris	scalar	*Visual	NONE	NONE	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---	---
Appearance	scalar	*Visual	NORML	NORML	---	---
Odor	scalar	*Visual	NORML	NORML	---	---
Emulsified Water	scalar	*Visual	>0.2	NEG	---	---

## FLUID CONDITION

The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185m		1	3	---
Boron	ppm	ASTM D5185m		<1	0	---
Barium	ppm	ASTM D5185m		0	0	---
Molybdenum	ppm	ASTM D5185m		0	0	---
Manganese	ppm	ASTM D5185m		<1	---	---
Magnesium	ppm	ASTM D5185m		0	2	---
Calcium	ppm	ASTM D5185m		26	2	---
Phosphorus	ppm	ASTM D5185m		487	495	---
Zinc	ppm	ASTM D5185m		32	38	---
Sulfur	ppm	ASTM D5185m		227	---	---
Visc @ 40°C	cSt	ASTM D445	217.7	220.1	222.2	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WCMCF30744  
**Lab Number** : 04183391  
**Unique Number** : 7731806  
**Test Package** : MOB 1

**Received** : 15 Mar 2017  
**Tested** : 16 Mar 2017  
**Diagnosed** : 20 Mar 2017 - Don Baldrige

**SHERWOOD CONSTRUCTION CO INC**  
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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)