



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	ATTENTION



Area
OKLAHOMA/102/EG - ROLLER/COMPACTOR
Machine Id
64.35L [OKLAHOMA^102^EG - ROLLER/COMPACTOR]
Component
Non-Drive End Drum Gearbox
Fluid
MOBIL SHC 630 (3 GAL)

RECOMMENDATION

No corrective action is recommended at this time. Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

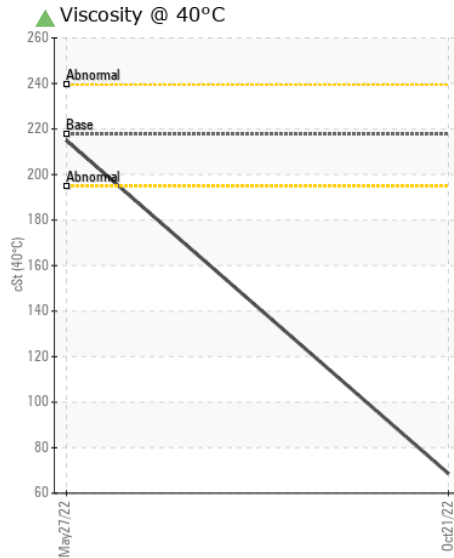
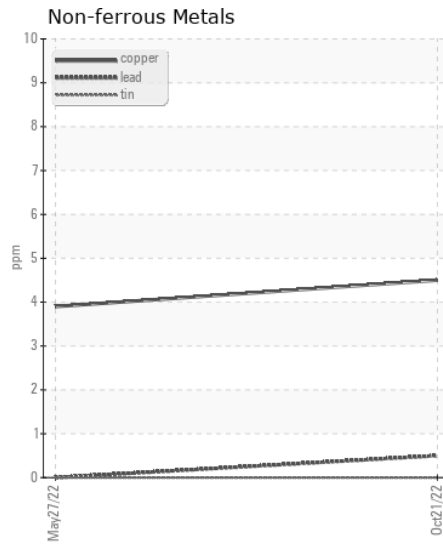
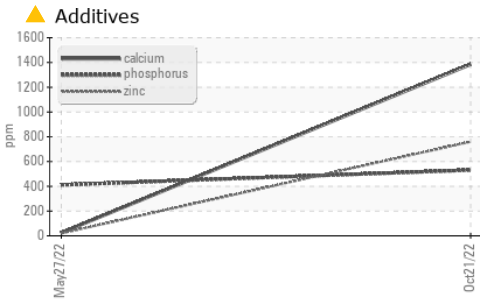
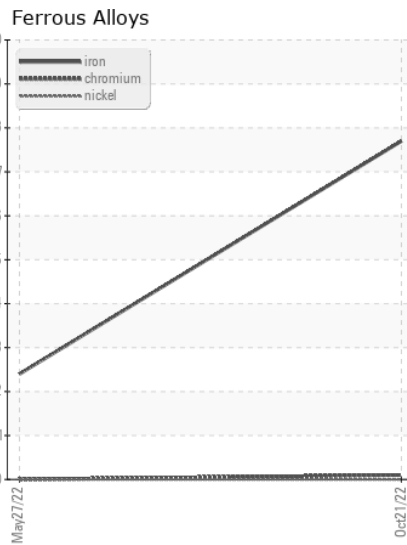
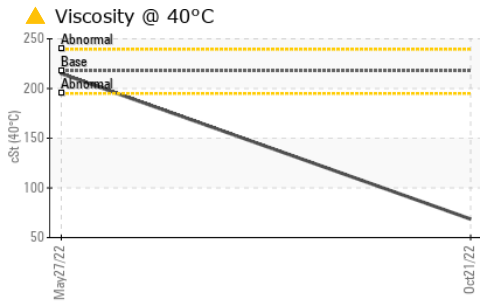
CONTAMINATION

There is no indication of any contamination in the oil.

FLUID CONDITION

The oil viscosity is lower than normal. Additive levels indicate the addition of a different brand, or type of oil. Confirm oil type.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0746214	WC0686907	---
Sample Date		Client Info		21 Oct 2022	27 May 2022	---
Machine Age	hrs	Client Info		1693	1180	---
Oil Age	hrs	Client Info		1693	1180	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Not Changd	Not Changd	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				ATTENTION	ABNORMAL	---
Iron	ppm	ASTM D5185m	>200	8	2	---
Chromium	ppm	ASTM D5185m	>10	<1	0	---
Nickel	ppm	ASTM D5185m	>10	0	0	---
Titanium	ppm	ASTM D5185m		<1	0	---
Silver	ppm	ASTM D5185m		2	0	---
Aluminum	ppm	ASTM D5185m		0	0	---
Lead	ppm	ASTM D5185m		<1	0	---
Copper	ppm	ASTM D5185m		4	4	---
Tin	ppm	ASTM D5185m		0	0	---
Vanadium	ppm	ASTM D5185m		0	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---
Silicon	ppm	ASTM D5185m		5	16	---
Potassium	ppm	ASTM D5185m	>20	8	<1	---
Water		WC Method	>0.2	NEG	NEG	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	LIGHT	MODER	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	---
Sodium	ppm	ASTM D5185m		5	0	---
Boron	ppm	ASTM D5185m		11	2	---
Barium	ppm	ASTM D5185m		0	0	---
Molybdenum	ppm	ASTM D5185m		<1	0	---
Manganese	ppm	ASTM D5185m		1	0	---
Magnesium	ppm	ASTM D5185m		▲ 18	1	---
Calcium	ppm	ASTM D5185m		▲ 1385	24	---
Phosphorus	ppm	ASTM D5185m		531	411	---
Zinc	ppm	ASTM D5185m		▲ 760	20	---
Sulfur	ppm	ASTM D5185m		▲ 2409	741	---
Visc @ 40°C	cSt	ASTM D445	217.7	▲ 68.6	215	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0746214
Lab Number : 05683023
Unique Number : 10202595
Test Package : CONST

Received : 02 Nov 2022
Tested : 04 Nov 2022
Diagnosed : 04 Nov 2022 - Don Baldrige

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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)