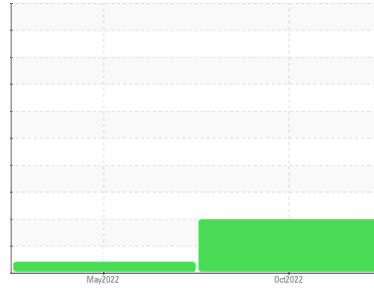




OIL ANALYSIS REPORT

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)

Sample Rating Trend



VISCOSITY



DIAGNOSIS

▲ 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.

SAMPLE INFORMATION

	method	limit/base	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	---
Oil Changed	Client Info		Not Chngd	Not Chngd	---
Sample Status			ATTENTION	ABNORMAL	---

CONTAMINATION

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

WEAR METALS

	method	limit/base	current	history1	history2
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	---
Cadmium	ppm	ASTM D5185m	0	0	---

ADDITIVES

	method	limit/base	current	history1	history2
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	---

CONTAMINANTS

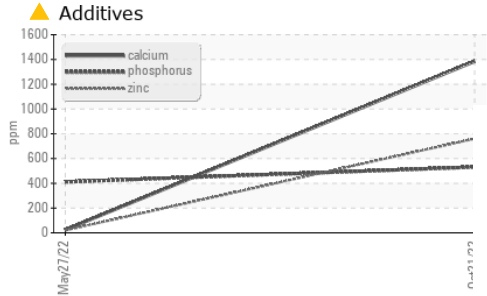
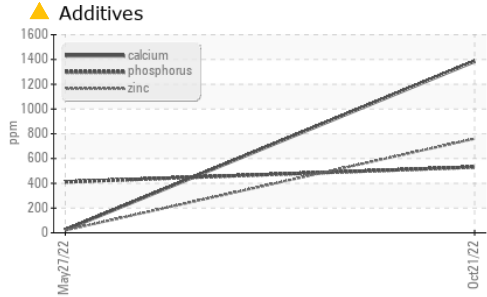
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	5	16	---
Sodium	ppm	ASTM D5185m	5	0	---
Potassium	ppm	ASTM D5185m >20	8	<1	---

VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual NONE	NONE	NONE	---
Precipitate	scalar	*Visual NONE	NONE	NONE	---
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	---
Free Water	scalar	*Visual	NEG	NEG	---



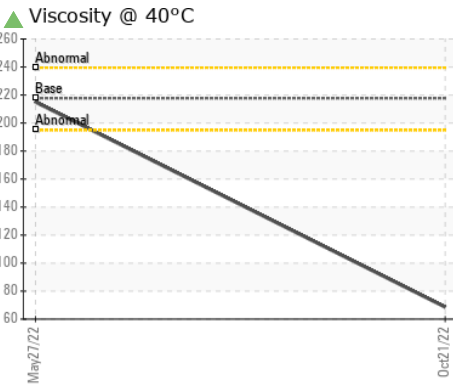
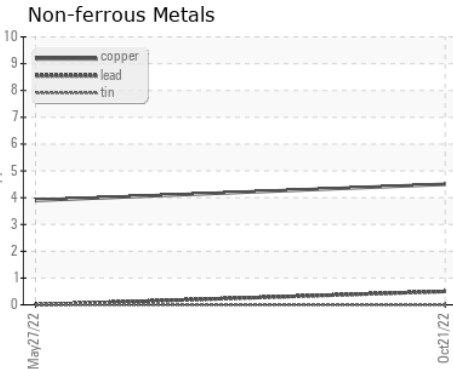
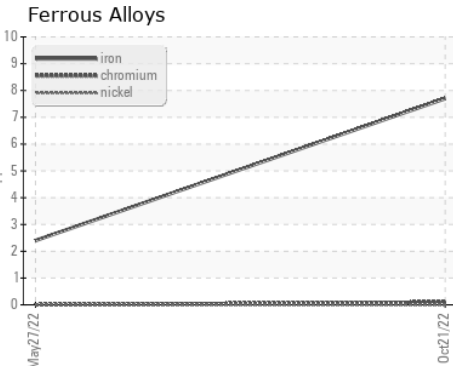
OIL ANALYSIS REPORT



FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	217.7 ▲ 68.6	215	---

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. : WC0746214 **Received** : 02 Nov 2022
Lab Number : **05683023** **Tested** : 04 Nov 2022
Unique Number : 10202595 **Diagnosed** : 04 Nov 2022 - Don Baldrige
Test Package : CONST

SHERWOOD CONSTRUCTION CO INC
 3219 WEST MAY ST
 WICHITA, KS
 US 67213
 Contact: DOUG KING
 doug.king@sherwood.net
 T: (316)617-3161
 F: x:

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)