



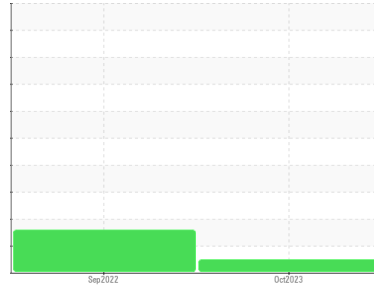
OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Area
KANSAS/44
Machine Id
53.163L [KANSAS^44]
Component
Right Final Drive
Fluid
MOBIL MOBILTRANS HD 50 (0 GAL)



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

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

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		WC0862534	WC0673551	---
Sample Date	Client Info		15 Oct 2023	19 Sep 2022	---
Machine Age	hrs	Client Info	1441	388	---
Oil Age	hrs	Client Info	1441	388	---
Oil Changed	Client Info		Changed	Changed	---
Sample Status			NORMAL	ABNORMAL	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >800	724	▲ 558	---
Chromium	ppm	ASTM D5185m >10	9	8	---
Nickel	ppm	ASTM D5185m >5	2	2	---
Titanium	ppm	ASTM D5185m >15	<1	<1	---
Silver	ppm	ASTM D5185m >2	0	0	---
Aluminum	ppm	ASTM D5185m >75	6	11	---
Lead	ppm	ASTM D5185m >10	1	<1	---
Copper	ppm	ASTM D5185m >75	30	▲ 63	---
Tin	ppm	ASTM D5185m >8	<1	<1	---
Vanadium	ppm	ASTM D5185m	<1	0	---
Cadmium	ppm	ASTM D5185m	0	0	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	59	150	---
Barium	ppm	ASTM D5185m	3	16	---
Molybdenum	ppm	ASTM D5185m	0	<1	---
Manganese	ppm	ASTM D5185m	6	10	---
Magnesium	ppm	ASTM D5185m	18	0	---
Calcium	ppm	ASTM D5185m	21	40	---
Phosphorus	ppm	ASTM D5185m	1374	1209	---
Zinc	ppm	ASTM D5185m	44	94	---
Sulfur	ppm	ASTM D5185m	19359	24941	---

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >400	23	19	---
Sodium	ppm	ASTM D5185m	7	19	---
Potassium	ppm	ASTM D5185m >20	5	8	---

VISUAL

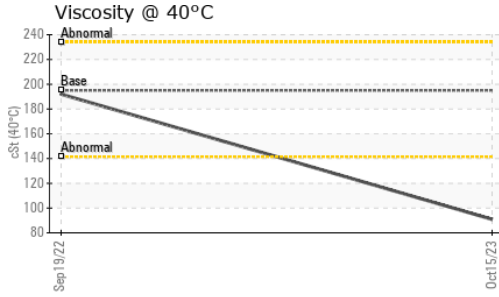
	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	NONE	MODER	---
Yellow Metal	scalar	*Visual NONE	NONE	NONE	---
Precipitate	scalar	*Visual NONE	NONE	NONE	---
Silt	scalar	*Visual NONE	NONE	NONE	---
Debris	scalar	*Visual NONE	NONE	NONE	---
Sand/Dirt	scalar	*Visual NONE	NONE	NONE	---
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	---

FLUID PROPERTIES

	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445 195	90.9	192	---

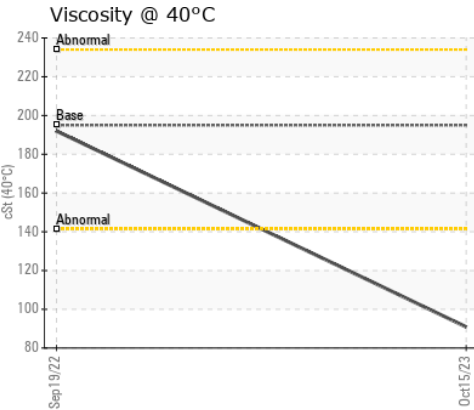
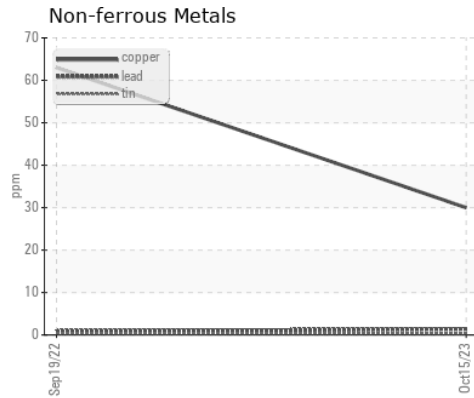
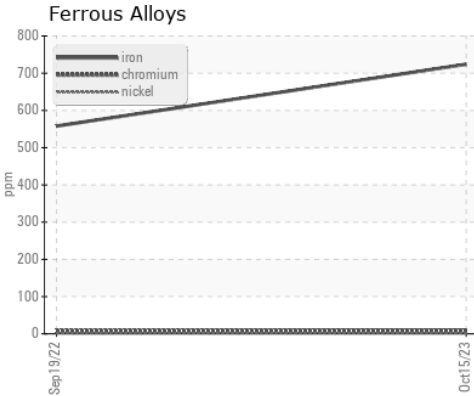


OIL ANALYSIS REPORT



SAMPLE IMAGES	method	limit/base	current	history1	history2
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. : WC0862534 **Received** : 31 Oct 2023
Lab Number : 05994752 **Diagnosed** : 01 Nov 2023
Unique Number : 10723112 **Diagnostician** : Don Baldrige
Test Package : CONST

SHERWOOD CONSTRUCTION CO INC
 3219 WEST MAY ST
 WICHITA, KS
 US 67213
 Contact: RANDY ROBERTS
 randy.roberts@sherwood.net
 T: (316)943-6491
 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)