



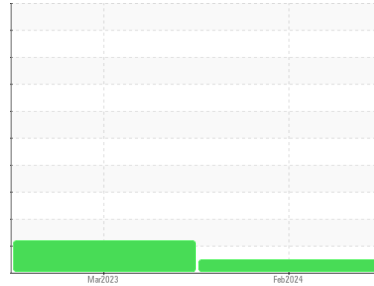
OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Area
KANSAS/44
 Machine Id
53.162L [KANSAS^44]
 Component
Left Chain Case
 Fluid
MOBIL MOBILTRANS HD 50 (3 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

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

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		WC0821593	WC0673492	---
Sample Date	Client Info		12 Feb 2024	28 Mar 2023	---
Machine Age	hrs	Client Info	1398	960	---
Oil Age	hrs	Client Info	1398	960	---
Oil Changed	Client Info		Not Chngd	Not Chngd	---
Sample Status			NORMAL	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 >632	219	167	---
Chromium	ppm	ASTM D5185m >3	<1	<1	---
Nickel	ppm	ASTM D5185m >3	0	0	---
Titanium	ppm	ASTM D5185m	<1	0	---
Silver	ppm	ASTM D5185m	0	0	---
Aluminum	ppm	ASTM D5185m >19	<1	2	---
Lead	ppm	ASTM D5185m >6	<1	0	---
Copper	ppm	ASTM D5185m >46	<1	0	---
Tin	ppm	ASTM D5185m >3	<1	0	---
Vanadium	ppm	ASTM D5185m	<1	0	---
Cadmium	ppm	ASTM D5185m	0	0	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	4	66	---
Barium	ppm	ASTM D5185m	0	29	---
Molybdenum	ppm	ASTM D5185m	1	38	---
Manganese	ppm	ASTM D5185m	2	3	---
Magnesium	ppm	ASTM D5185m	18	500	---
Calcium	ppm	ASTM D5185m	2896	1641	---
Phosphorus	ppm	ASTM D5185m	1006	894	---
Zinc	ppm	ASTM D5185m	1238	1146	---
Sulfur	ppm	ASTM D5185m	6342	3417	---

CONTAMINANTS

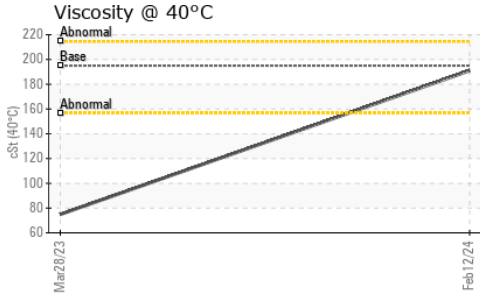
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >82	20	39	---
Sodium	ppm	ASTM D5185m	1	2	---
Potassium	ppm	ASTM D5185m >20	0	3	---

VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	NONE	▲ HEAVY	---
Yellow Metal	scalar	*Visual NONE	NONE	NONE	---
Precipitate	scalar	*Visual NONE	NONE	NONE	---
Silt	scalar	*Visual NONE	MODER	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	---



OIL ANALYSIS REPORT



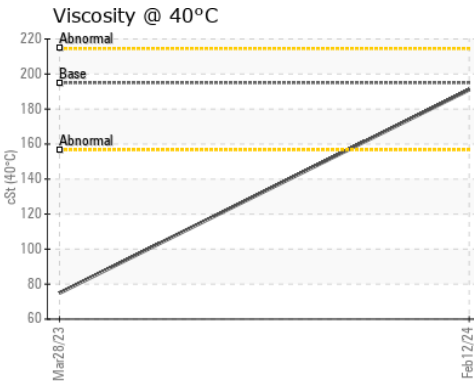
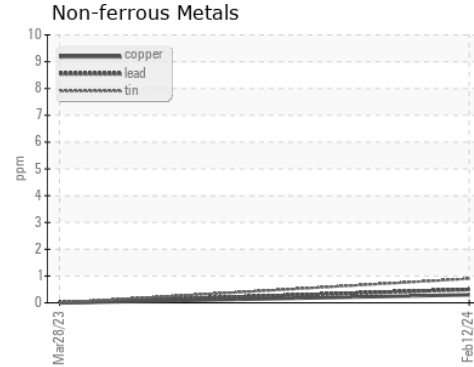
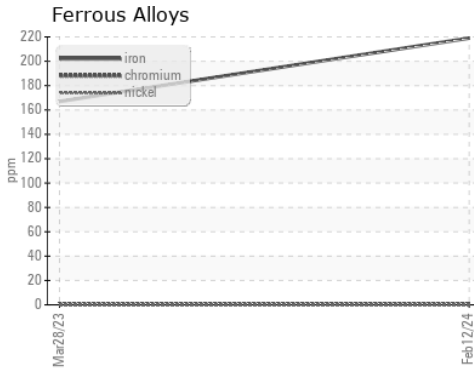
FLUID PROPERTIES	method	limit/base	current	history1	history2
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Visc @ 40°C	cSt	ASTM D445	195	191	74.9	---
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SAMPLE IMAGES	method	limit/base	current	history1	history2
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Color	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. : WC0821593
Lab Number : **06097301**
Unique Number : 10890154
Test Package : CONST

Received : 22 Feb 2024
Tested : 23 Feb 2024
Diagnosed : 23 Feb 2024 - Wes Davis

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)