

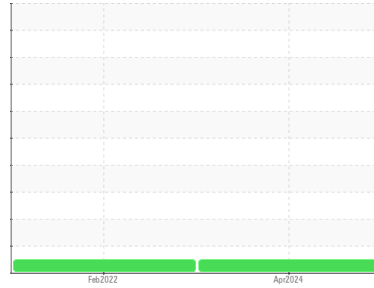


OIL ANALYSIS REPORT



Area
KANSAS/44
Machine Id
53.168L [KANSAS^44]
Component
Left Final Drive
Fluid
MOBIL MOBILTRANS HD 50 (0 GAL)

Sample Rating Trend



NORMAL



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		WC0918162	WC0630432	---
Sample Date	Client Info		08 Apr 2024	15 Feb 2022	---
Machine Age	hrs	Client Info	2010	506	---
Oil Age	hrs	Client Info	2010	0	---
Oil Changed	Client Info		Not Changd	Not Changd	---
Sample Status			NORMAL	NORMAL	---

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 >800	589	206	---
Chromium	ppm	ASTM D5185m >10	10	3	---
Nickel	ppm	ASTM D5185m >5	2	<1	---
Titanium	ppm	ASTM D5185m >15	2	<1	---
Silver	ppm	ASTM D5185m >2	<1	<1	---
Aluminum	ppm	ASTM D5185m >75	16	4	---
Lead	ppm	ASTM D5185m >10	1	<1	---
Copper	ppm	ASTM D5185m >75	4	4	---
Tin	ppm	ASTM D5185m >8	<1	<1	---
Antimony	ppm	ASTM D5185m >50	---	<1	---
Vanadium	ppm	ASTM D5185m	<1	0	---
Cadmium	ppm	ASTM D5185m	1	0	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	199	230	---
Barium	ppm	ASTM D5185m	4	0	---
Molybdenum	ppm	ASTM D5185m	2	<1	---
Manganese	ppm	ASTM D5185m	6	2	---
Magnesium	ppm	ASTM D5185m	12	2	---
Calcium	ppm	ASTM D5185m	2334	51	---
Phosphorus	ppm	ASTM D5185m	1318	1424	---
Zinc	ppm	ASTM D5185m	1003	27	---
Sulfur	ppm	ASTM D5185m	10710	21530	---

CONTAMINANTS

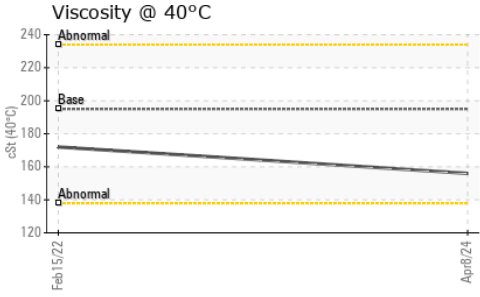
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >400	90	9	---
Sodium	ppm	ASTM D5185m	8	7	---
Potassium	ppm	ASTM D5185m >20	11	4	---

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	---



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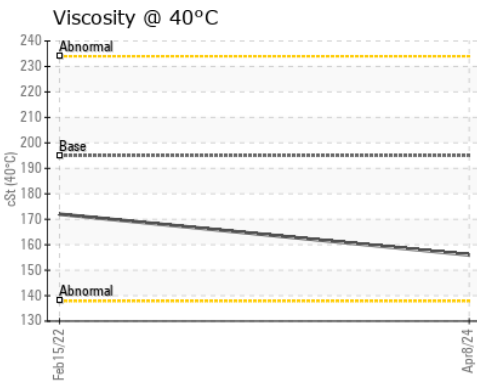
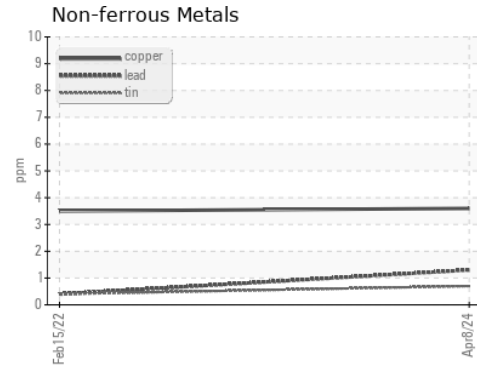
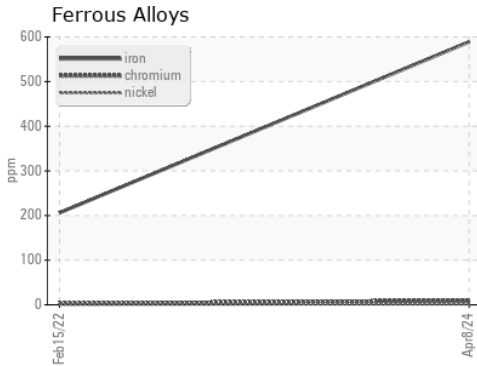
FLUID PROPERTIES	method	limit/base	current	history1	history2
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Visc @ 40°C	cSt	ASTM D445	195	156	172	---
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SAMPLE IMAGES	method	limit/base	current	history1	history2
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Color				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. : WC0918162
Lab Number : **06152399**
Unique Number : 10982477
Test Package : CONST

Received : 17 Apr 2024
Tested : 18 Apr 2024
Diagnosed : 22 Apr 2024 - Don Baldrige

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)