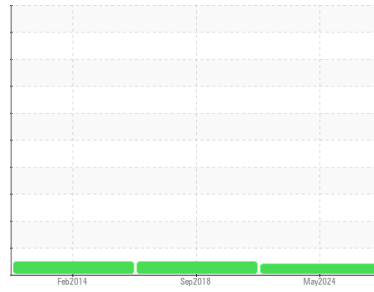




OIL ANALYSIS REPORT

Area
KANSAS/44/EG - OTHER SERVICE
 Machine Id
05.96 [KANSAS^44^EG - OTHER SERVICE]
 Component
Transmission
 Fluid
MOBIL MOBILTRANS HD 50 (--- GAL)

Sample Rating Trend



VIS DEBRIS



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

Moderate concentration of visible dirt/debris present in the fluid.

Fluid Condition

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

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		WC0918361	WCCF1921	WC00853061
Sample Date	Client Info		01 May 2024	01 Sep 2018	03 Feb 2014
Machine Age	hrs	Client Info	7257	2966	0
Oil Age	hrs	Client Info	4291	270	---
Oil Changed	Client Info		Not Chngd	Changed	Changed
Sample Status			ABNORMAL	NORMAL	NORMAL

CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.1	NEG	NEG	NEG

WEAR METALS

	method	limit/base	current	history1	history2	
Iron	ppm	ASTM D5185m	>200	114	11	9
Chromium	ppm	ASTM D5185m	>10	<1	<1	0
Nickel	ppm	ASTM D5185m		0	<1	0
Titanium	ppm	ASTM D5185m		0	<1	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>50	1	2	0
Lead	ppm	ASTM D5185m	>50	0	1	7
Copper	ppm	ASTM D5185m	>200	<1	<1	13
Tin	ppm	ASTM D5185m	>10	0	0	0
Antimony	ppm	ASTM D5185m		---	<1	---
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	0	0

ADDITIVES

	method	limit/base	current	history1	history2	
Boron	ppm	ASTM D5185m		287	26	132
Barium	ppm	ASTM D5185m		2	0	1
Molybdenum	ppm	ASTM D5185m		0	40	0
Manganese	ppm	ASTM D5185m		6	<1	---
Magnesium	ppm	ASTM D5185m		3	583	1
Calcium	ppm	ASTM D5185m		14	1614	114
Phosphorus	ppm	ASTM D5185m		1256	773	336
Zinc	ppm	ASTM D5185m		13	870	35
Sulfur	ppm	ASTM D5185m		25367	2256	---

CONTAMINANTS

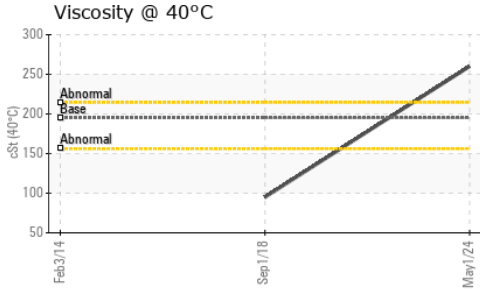
	method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185m	>50	33	5	3
Sodium	ppm	ASTM D5185m		3	5	8
Potassium	ppm	ASTM D5185m	>20	1	3	3

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	▲ MODER	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	---
Free Water	scalar	*Visual		NEG	NEG	---



OIL ANALYSIS REPORT



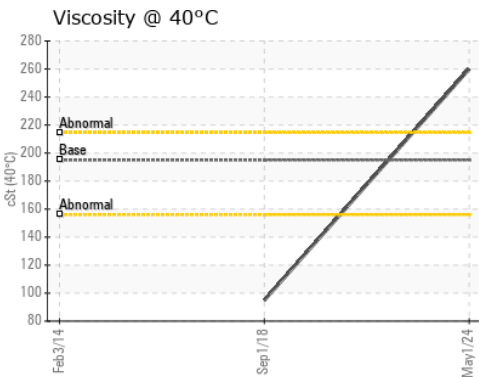
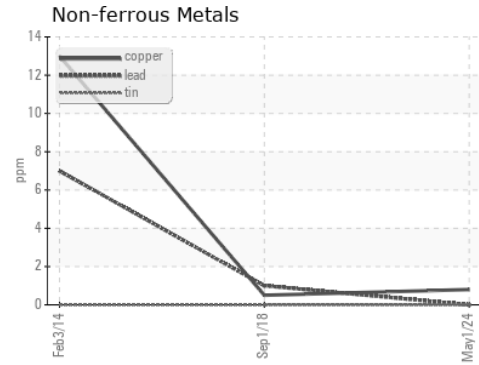
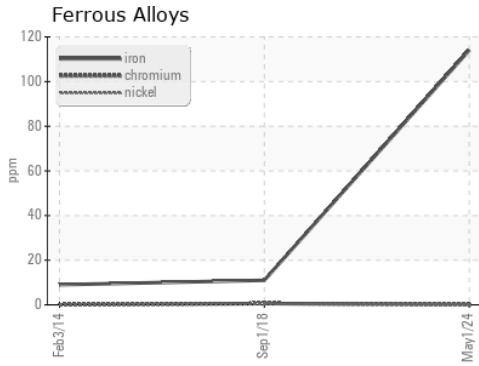
FLUID PROPERTIES	method	limit/base	current	history1	history2
------------------	--------	------------	---------	----------	----------

Visc @ 40°C	cSt	ASTM D445	195	260	94.91	---
-------------	-----	-----------	-----	------------	-------	-----

SAMPLE IMAGES	method	limit/base	current	history1	history2
---------------	--------	------------	---------	----------	----------

Color	<i>no image</i>	<i>no image</i>	<i>no image</i>
Bottom	<i>no image</i>	<i>no image</i>	<i>no image</i>

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0918361
Lab Number : 06175949
Unique Number : 11022002
Test Package : CONST

Received : 10 May 2024
Tested : 12 May 2024
Diagnosed : 14 May 2024 - Don Baldrige

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)