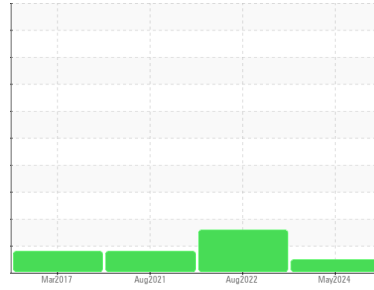




OIL ANALYSIS REPORT

Area
OKLAHOMA/102/GB - OTHER SERVICE
 Machine Id
64.25L [OKLAHOMA^102^GB - OTHER SERVICE]
 Component
Rear Right Final Drive
 Fluid
MOBIL MOBILTRANS AST 30 (--- 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			WC0857499	WC0649224	WC0578322
Sample Date	Client Info			13 May 2024	17 Aug 2022	12 Aug 2021
Machine Age	hrs	Client Info		4046	3552	2848
Oil Age	hrs	Client Info		2848	368	2848
Oil Changed	Client Info			N/A	N/A	Changed
Sample Status				NORMAL	ABNORMAL	ABNORMAL

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

WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>800	442	▲ 1030	▲ 750
Chromium	ppm	ASTM D5185m	>10	5	▲ 12	9
Nickel	ppm	ASTM D5185m	>5	2	4	2
Titanium	ppm	ASTM D5185m	>15	<1	<1	<1
Silver	ppm	ASTM D5185m	>2	<1	<1	0
Aluminum	ppm	ASTM D5185m	>75	4	2	1
Lead	ppm	ASTM D5185m	>10	<1	<1	0
Copper	ppm	ASTM D5185m	>75	1	1	1
Tin	ppm	ASTM D5185m	>8	<1	0	0
Antimony	ppm	ASTM D5185m	>50	---	---	0
Vanadium	ppm	ASTM D5185m		<1	0	<1
Cadmium	ppm	ASTM D5185m		<1	0	0

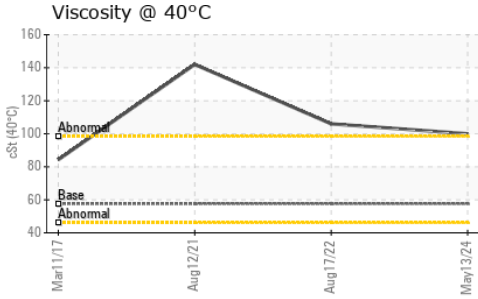
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		35	34	15
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		2	2	0
Manganese	ppm	ASTM D5185m		4	7	6
Magnesium	ppm	ASTM D5185m		17	18	14
Calcium	ppm	ASTM D5185m		2973	2945	2996
Phosphorus	ppm	ASTM D5185m		1093	967	1001
Zinc	ppm	ASTM D5185m		1202	1191	1118
Sulfur	ppm	ASTM D5185m		5511	6377	11017

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>400	30	11	11
Sodium	ppm	ASTM D5185m		0	<1	3
Potassium	ppm	ASTM D5185m	>20	3	0	5

VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	MODER	MODER
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	MODER	LIGHT	MODER
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG



OIL ANALYSIS REPORT

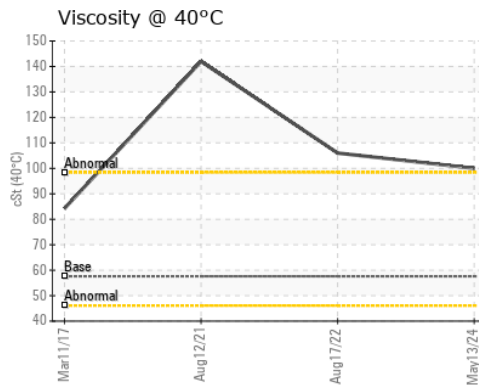
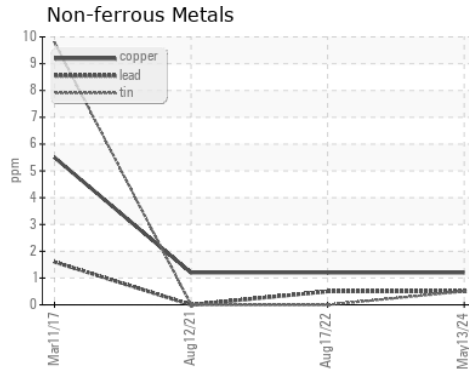
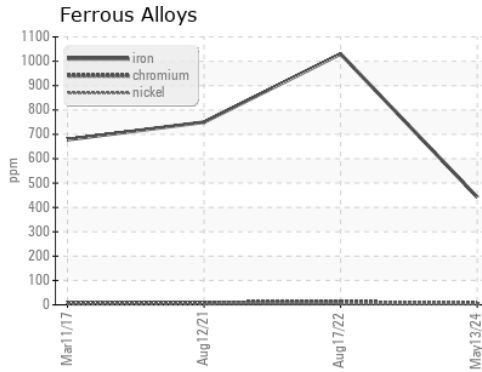


FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	57.6	100	106	142

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. : WC0857499
Lab Number : 06185321
Unique Number : 11036647
Test Package : CONST

Received : 20 May 2024
Tested : 22 May 2024
Diagnosed : 22 May 2024 - Don Baldrige

SHERWOOD CONSTRUCTION CO INC
 3219 WEST MAY ST
 WICHITA, KS
 US 67213
 Contact: LOUIS BRESHEARS
 louis.breshears@sherwood.net

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)

T:
F: