

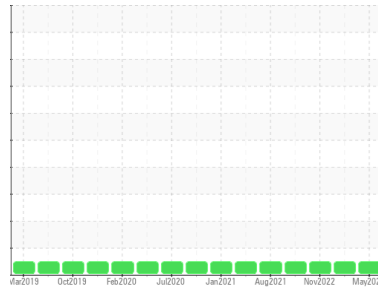


OIL ANALYSIS REPORT



Area
OKLAHOMA/3/EG - TRUCK-OFF-HWY-HEAVY HAUL
 Machine Id
69.11 [OKLAHOMA^3^EG - TRUCK-OFF-HWY-HEAVY HAUL]
 Component
Transmission (Manual)
 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 fluid.

Fluid Condition

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

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			WC0935189	WC0886872	WC0746238
Sample Date	Client Info			12 May 2024	20 Feb 2024	11 Nov 2022
Machine Age	hrs Client Info			10842	10382	7993
Oil Age	hrs Client Info			5673	5673	5673
Oil Changed	Client Info			Changed	N/A	N/A
Sample Status				NORMAL	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	9	9	12
Chromium	ppm	ASTM D5185m	>5	<1	<1	0
Nickel	ppm	ASTM D5185m	>5	<1	<1	0
Titanium	ppm	ASTM D5185m		<1	<1	0
Silver	ppm	ASTM D5185m	>7	4	2	8
Aluminum	ppm	ASTM D5185m	>25	3	1	2
Lead	ppm	ASTM D5185m	>45	4	3	6
Copper	ppm	ASTM D5185m	>225	54	50	126
Tin	ppm	ASTM D5185m	>10	<1	<1	<1
Vanadium	ppm	ASTM D5185m		<1	0	0
Cadmium	ppm	ASTM D5185m		0	0	0

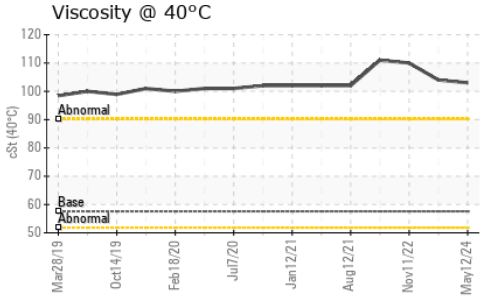
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		28	31	14
Barium	ppm	ASTM D5185m		0	0	2
Molybdenum	ppm	ASTM D5185m		<1	1	<1
Manganese	ppm	ASTM D5185m		0	<1	<1
Magnesium	ppm	ASTM D5185m		17	18	10
Calcium	ppm	ASTM D5185m		2774	3089	2377
Phosphorus	ppm	ASTM D5185m		1029	1020	868
Zinc	ppm	ASTM D5185m		1127	1264	958
Sulfur	ppm	ASTM D5185m		5086	5806	5257

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>125	12	6	9
Sodium	ppm	ASTM D5185m		2	3	2
Potassium	ppm	ASTM D5185m	>20	3	1	2

VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	LIGHT	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	>0.1	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG



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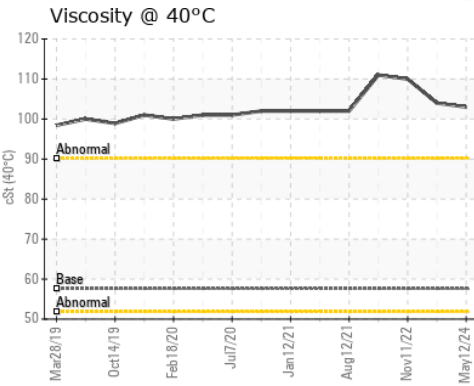
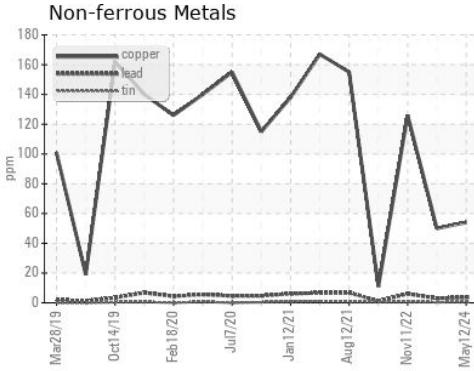
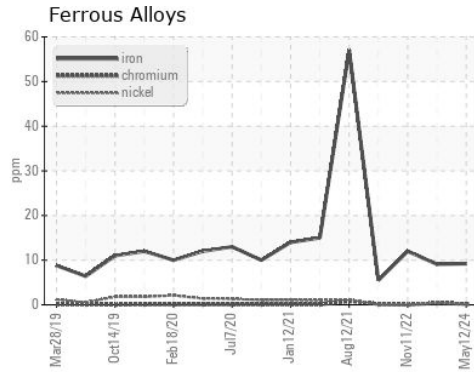


FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	57.6	103	104	110

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
 To discuss this sample report, contact Customer Service at 1-800-237-1369.

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0935189
Lab Number : **06185379**
Unique Number : 11036705
Test Package : CONST

Received : 20 May 2024
Tested : 21 May 2024
Diagnosed : 21 May 2024 - Wes Davis

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