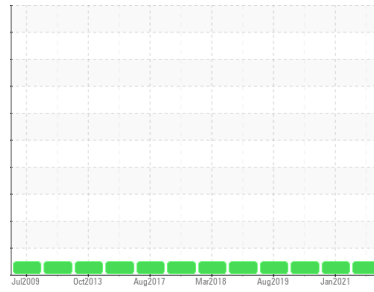




OIL ANALYSIS REPORT

Area
KANSAS/44/EG - OTHER SERVICE
 Machine Id
38.80L [KANSAS^44^EG - OTHER SERVICE]
 Component
Right Final Drive
 Fluid
MOBIL MOBILTRANS HD 50 (3 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			WC0945634	WC0541328	WC0457201
Sample Date	Client Info			03 Jul 2024	26 Jan 2021	28 Apr 2020
Machine Age	hrs	Client Info		8479	6555	5486
Oil Age	hrs	Client Info		1924	1069	500
Oil Changed	Client Info			Changed	Changed	Changed
Sample Status				NORMAL	NORMAL	NORMAL

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	288	77	90
Chromium	ppm	ASTM D5185m	>10	5	6	5
Nickel	ppm	ASTM D5185m	>5	<1	0	<1
Titanium	ppm	ASTM D5185m	>15	1	<1	1
Silver	ppm	ASTM D5185m	>2	0	0	1
Aluminum	ppm	ASTM D5185m	>75	15	3	18
Lead	ppm	ASTM D5185m	>10	<1	<1	<1
Copper	ppm	ASTM D5185m	>75	0	<1	<1
Tin	ppm	ASTM D5185m	>8	<1	0	0
Antimony	ppm	ASTM D5185m	>50	---	0	0
Vanadium	ppm	ASTM D5185m		<1	<1	<1
Cadmium	ppm	ASTM D5185m		0	0	<1

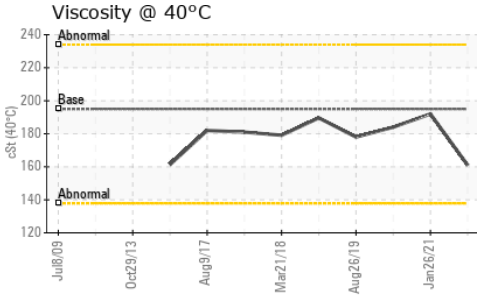
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0	5	9
Barium	ppm	ASTM D5185m		0	0	<1
Molybdenum	ppm	ASTM D5185m		2	8	6
Manganese	ppm	ASTM D5185m		3	<1	1
Magnesium	ppm	ASTM D5185m		28	35	51
Calcium	ppm	ASTM D5185m		3291	3336	3400
Phosphorus	ppm	ASTM D5185m		1152	1042	1054
Zinc	ppm	ASTM D5185m		1392	1261	1281
Sulfur	ppm	ASTM D5185m		14613	12740	11422

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>400	132	33	71
Sodium	ppm	ASTM D5185m		5	1	8
Potassium	ppm	ASTM D5185m	>20	4	2	6

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	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

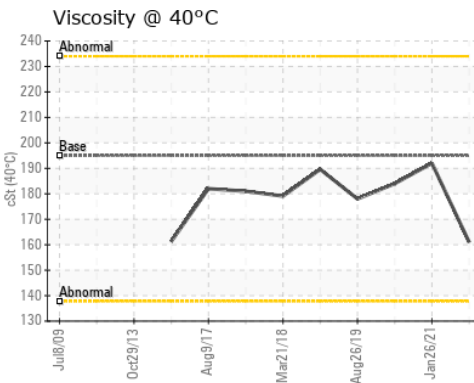
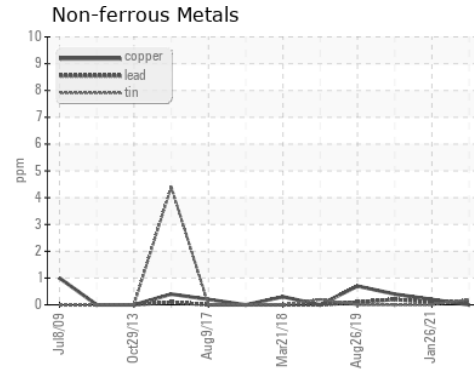
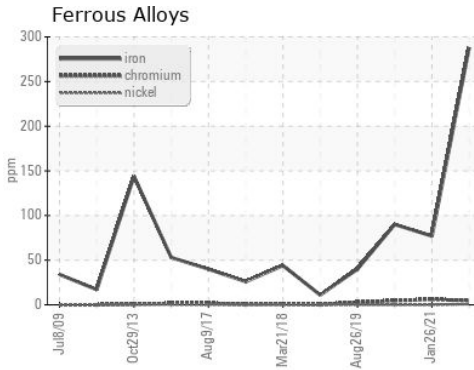


FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	195	161	192	184

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.

* - 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)

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0945634
Lab Number : **06237173**
Unique Number : 11126007
Test Package : CONST

Received : 15 Jul 2024
Tested : 17 Jul 2024
Diagnosed : 17 Jul 2024 - Wes Davis

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