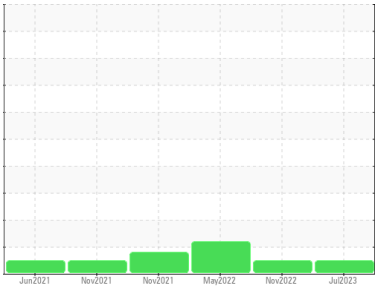
OIL ANALYSIS REPORT

Area
OKLAHOMA/102/EG - OTHER SERVICE
Machine Id
68.14L [OKLAHOMA^102^EG - OTHER SERVICE]
Component
Rear Right Planetary
Fluid
MOBIL MOBILTRANS AST 30 (2 GAL)

Sample Rating Trend



NORMAL

DIAGNOSIS

Recommendation
Resample at the next service interval to monitor. (Customer Sample Comment: 1618 hrs)

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		**WC0746910**	WC0741080	WC0686960
Sample Date		Client Info		**08 Jul 2023**	09 Nov 2022	20 May 2022
Machine Age	hrs	Client Info		**1618**	1371	885
Oil Age	hrs	Client Info		**1371**	486	885
Oil Changed		Client Info		**N/A**	Changed	Changed
Sample Status				**NORMAL**	NORMAL	ABNORMAL

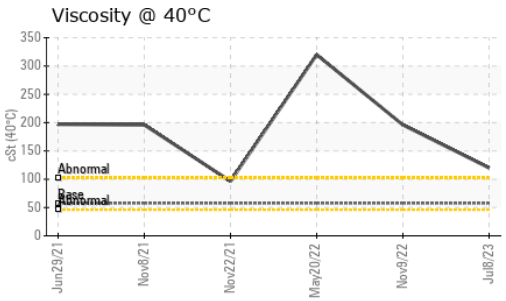
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>500	**80**	149	101
Chromium	ppm	ASTM D5185m	>10	**3**	5	<1
Nickel	ppm	ASTM D5185m	>10	**0**	<1	0
Titanium	ppm	ASTM D5185m		**<1**	<1	0
Silver	ppm	ASTM D5185m		**0**	0	<1
Aluminum	ppm	ASTM D5185m	>25	**2**	2	<1
Lead	ppm	ASTM D5185m	>25	**0**	<1	0
Copper	ppm	ASTM D5185m	>75	**4**	7	▲ 83
Tin	ppm	ASTM D5185m	>10	**0**	<1	<1
Antimony	ppm	ASTM D5185m	>5	**---**	---	---
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		**2**	2	163
Barium	ppm	ASTM D5185m		**0**	0	0
Molybdenum	ppm	ASTM D5185m		**<1**	<1	1
Manganese	ppm	ASTM D5185m		**3**	3	1
Magnesium	ppm	ASTM D5185m		**23**	11	7
Calcium	ppm	ASTM D5185m		**3320**	2951	116
Phosphorus	ppm	ASTM D5185m		**1058**	957	885
Zinc	ppm	ASTM D5185m		**1373**	1224	73
Sulfur	ppm	ASTM D5185m		**7825**	9151	24870

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>75	**9**	8	10
Sodium	ppm	ASTM D5185m		**2**	6	1
Potassium	ppm	ASTM D5185m	>20	**<1**	<1	0

VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	**NONE**	NONE	MODER
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

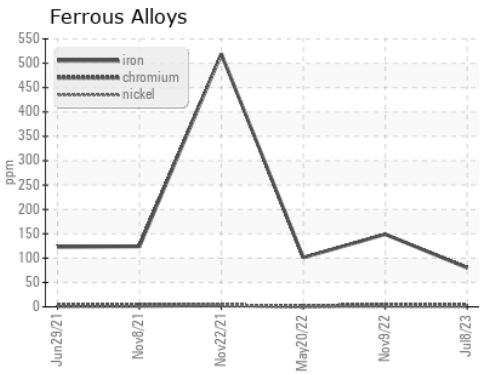
OIL ANALYSIS REPORT

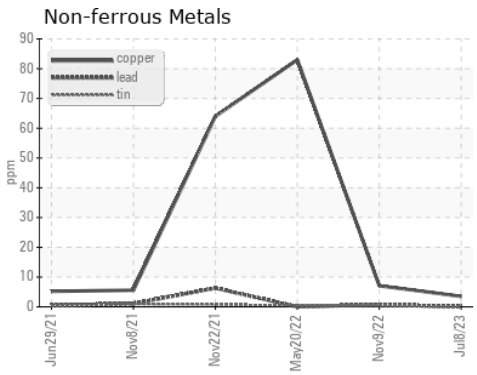


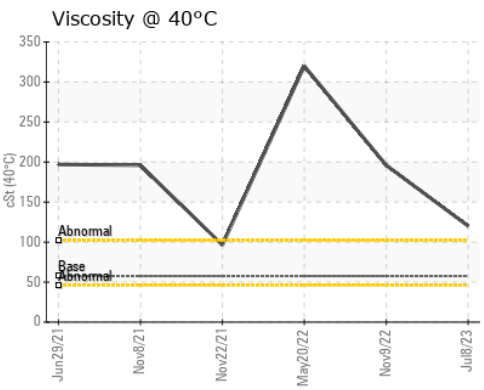
FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	57.6	**120**	196	▲ 320

SAMPLE IMAGES	method	limit/base	current	history1	history2
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. : WC0746910
Lab Number : 05901686
Unique Number : 10563042
Test Package : CONST

Received : 18 Jul 2023
Diagnosed : 20 Jul 2023
Diagnostician : Don Baldridge

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)

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Submitted By: LOUIS BRESHEARS