



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Area

Mobile Fleet

Machine Id

6452 6452

Component

Transmission (Auto)

Fluid

MOBIL DELVAC SYNTHETIC ATF (8 GAL)

RECOMMENDATION

We recommend you service the filters on this component. Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0861889	WC0771080	WC0764890
Sample Date		Client Info		11 Jan 2024	06 Jul 2023	12 Dec 2022
Machine Age	hrs	Client Info		7401	6375	5257
Oil Age	hrs	Client Info		3224	2198	1080
Filter Age	hrs	Client Info		3224	1118	1080
Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Filter Changed		Client Info		Not Changd	Changed	Not Changd
Sample Status				ABNORMAL	ABNORMAL	ABNORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>160	54	70	54
Chromium	ppm	ASTM D5185m	>5	0	0	0
Nickel	ppm	ASTM D5185m	>5	0	0	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m	>5	0	0	0
Aluminum	ppm	ASTM D5185m	>50	34	47	32
Lead	ppm	ASTM D5185m	>50	14	20	17
Copper	ppm	ASTM D5185m	>225	10	13	10
Tin	ppm	ASTM D5185m	>10	4	6	4
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

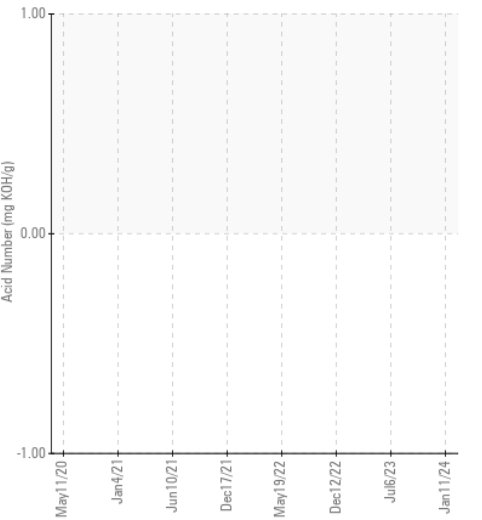
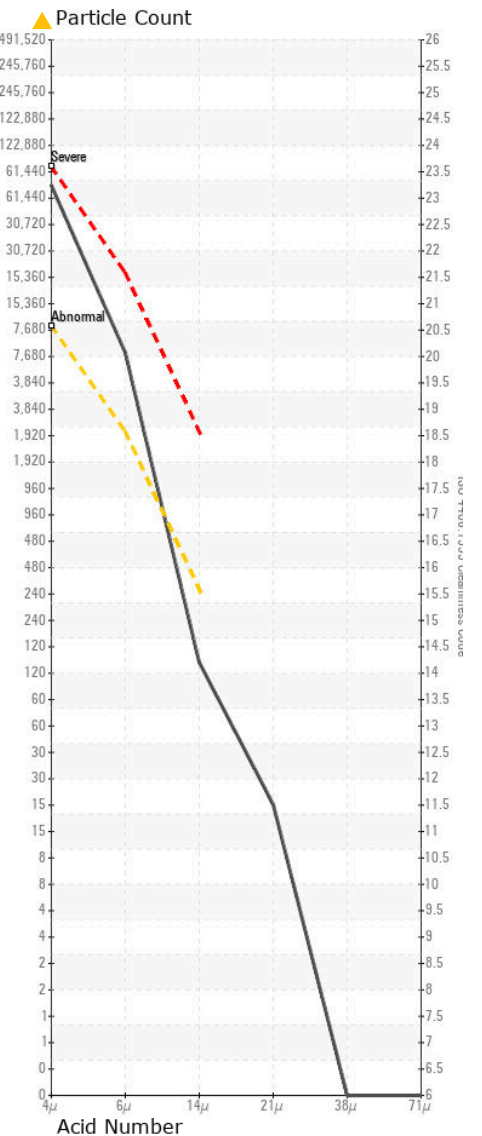
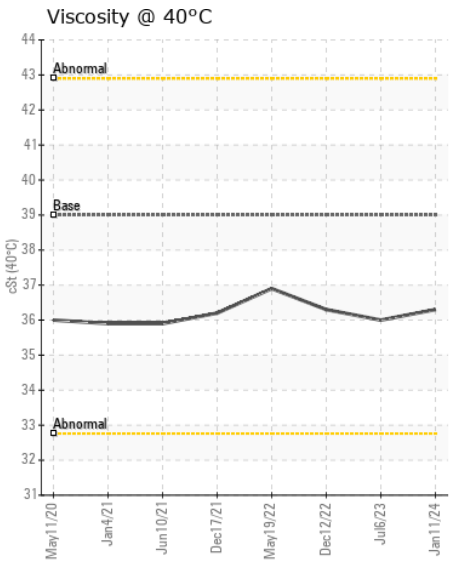
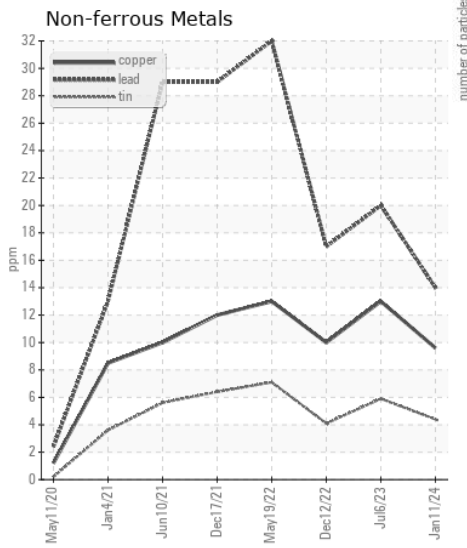
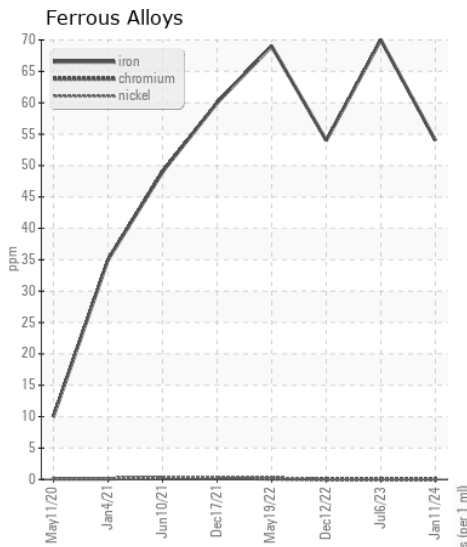
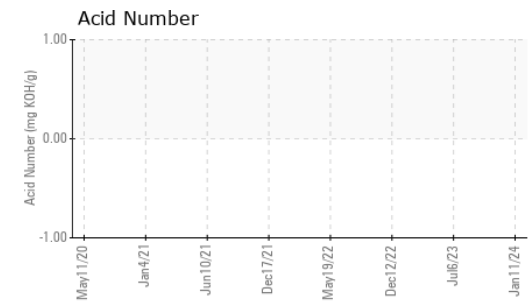
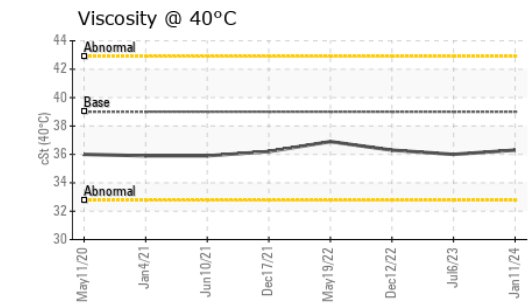
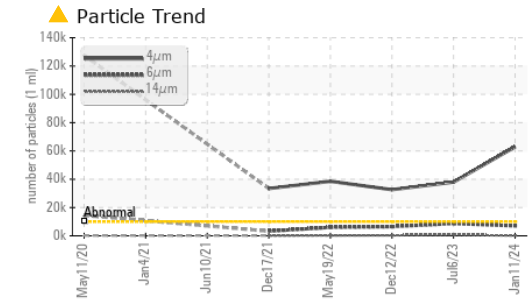
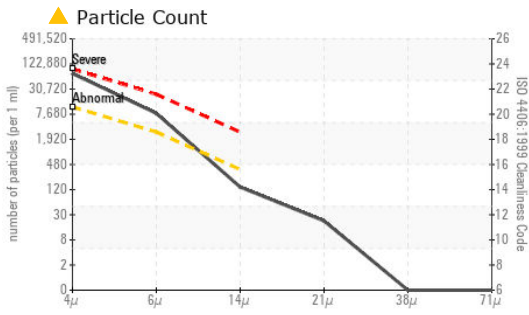
There is a high amount of silt (particulates < 14 microns in size) present in the fluid.

Silicon	ppm	ASTM D5185m	>20	3	4	4
Potassium	ppm	ASTM D5185m	>20	2	3	3
Water		WC Method	>0.1	NEG	NEG	NEG
Particles >4µm		ASTM D7647	>10000	▲ 62883	▲ 37974	▲ 32611
Particles >6µm		ASTM D7647	>2500	▲ 7024	▲ 8679	▲ 6447
Particles >14µm		ASTM D7647	>320	122	766	338
Particles >21µm		ASTM D7647	>80	19	207	57
Particles >38µm		ASTM D7647	>20	0	7	4
Particles >71µm		ASTM D7647	>4	0	0	1
Oil Cleanliness		ISO 4406 (c)	>20/18/15	▲ 23/20/14	▲ 22/20/17	▲ 22/20/16
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	LIGHT	VLITE
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

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		4	1	<1
Boron	ppm	ASTM D5185m		116	115	116
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		0	<1	<1
Manganese	ppm	ASTM D5185m		<1	1	<1
Magnesium	ppm	ASTM D5185m		2	0	9
Calcium	ppm	ASTM D5185m		51	63	70
Phosphorus	ppm	ASTM D5185m		310	295	283
Zinc	ppm	ASTM D5185m		1	10	18
Sulfur	ppm	ASTM D5185m		973	1312	1165
Visc @ 40°C	cSt	ASTM D445	39	36.3	36.0	36.3



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0861889 **Received** : 18 Jan 2024
Lab Number : 06064177 **Diagnosed** : 20 Jan 2024
Unique Number : 10835559 **Diagnostician** : Don Baldrige
Test Package : CONST (Additional Tests: PrtCount)

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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