



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Area
Mobile Fleet
 Machine Id
890 890
 Component
Transmission (Auto)
 Fluid
MOBIL DELVAC SYNTHETIC ATF (5 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		WC0919139	WC0533913	WC0326546
Sample Date		Client Info		16 Apr 2024	14 Jan 2021	27 Feb 2019
Machine Age	hrs	Client Info		34460	31839	29309
Oil Age	hrs	Client Info		1387	1863	3047
Filter Age	hrs	Client Info		1387	1863	3047
Oil Changed		Client Info		Not Changd	Not Changd	Changed
Filter Changed		Client Info		Not Changd	Not Changd	Changed
Sample Status				ABNORMAL	ABNORMAL	ABNORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>230	71	23	60
Chromium	ppm	ASTM D5185m	>2	0	0	<1
Nickel	ppm	ASTM D5185m	>5	0	0	<1
Titanium	ppm	ASTM D5185m	>2	0	0	0
Silver	ppm	ASTM D5185m	>5	0	<1	<1
Aluminum	ppm	ASTM D5185m	>65	22	14	11
Lead	ppm	ASTM D5185m	>55	3	3	23
Copper	ppm	ASTM D5185m	>85	8	5	74
Tin	ppm	ASTM D5185m	>5	3	2	2
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

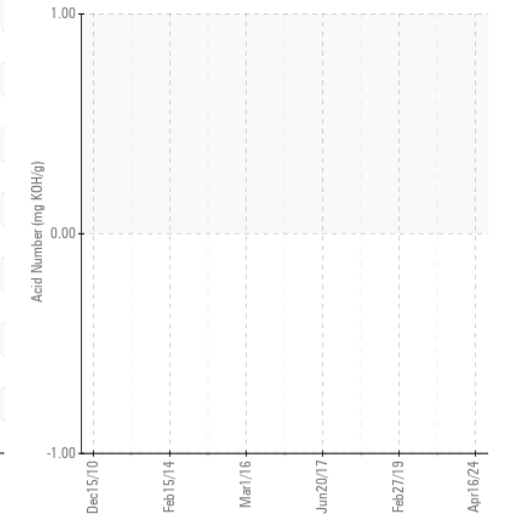
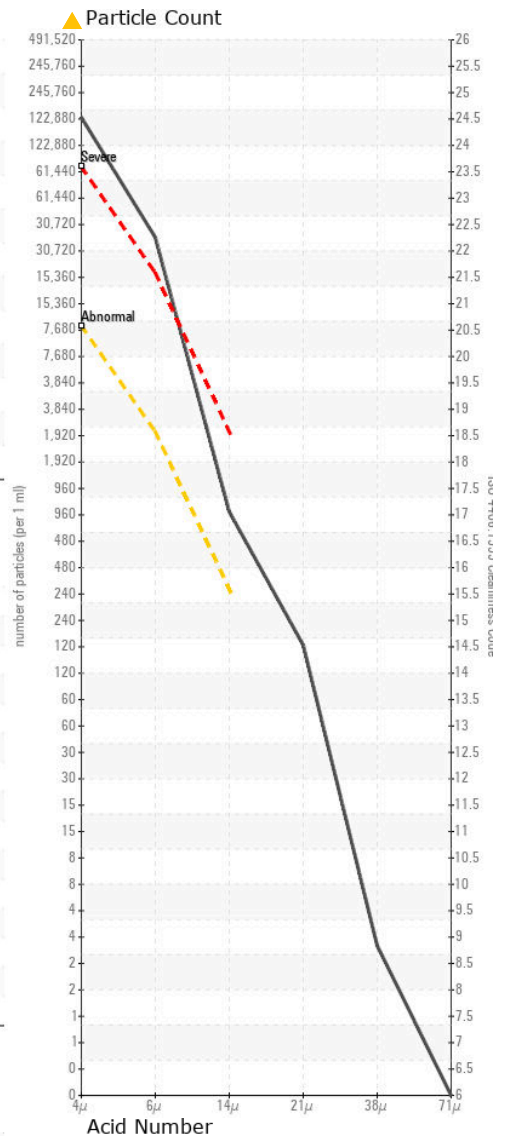
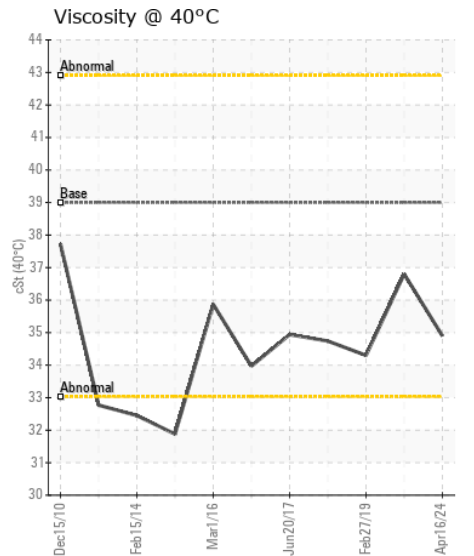
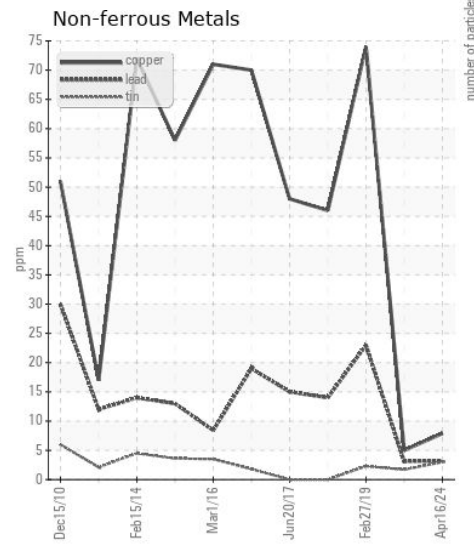
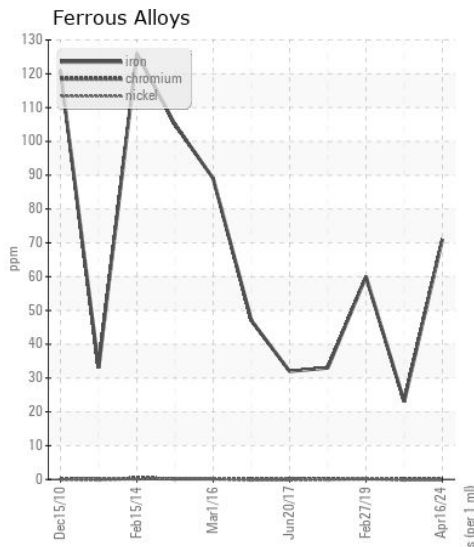
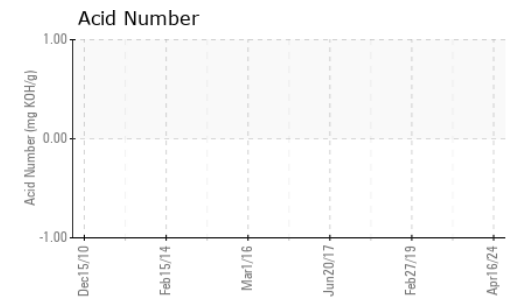
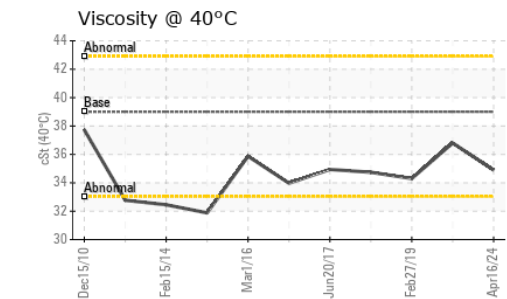
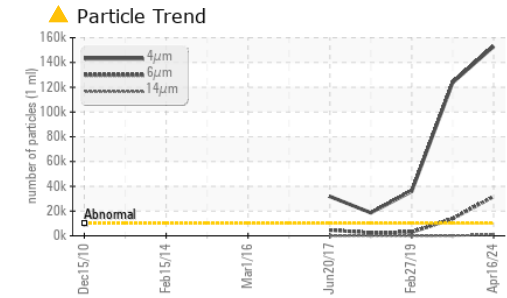
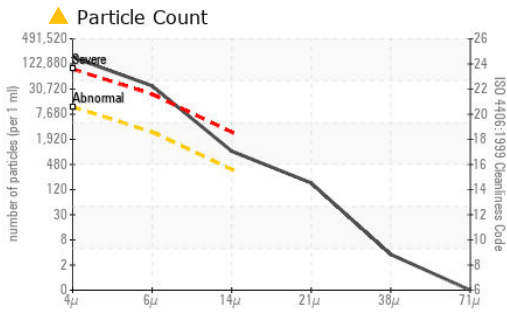
There is a high amount of particulates present in the fluid.

Silicon	ppm	ASTM D5185m	>20	8	4	7
Potassium	ppm	ASTM D5185m	>20	4	2	1
Water		WC Method	>0.1	NEG	NEG	NEG
Particles >4µm		ASTM D7647	>10000	▲ 152958	▲ 123747	▲ 35927
Particles >6µm		ASTM D7647	>2500	▲ 31749	▲ 13953	● 2986
Particles >14µm		ASTM D7647	>320	▲ 878	178	44
Particles >21µm		ASTM D7647	>80	▲ 153	25	7
Particles >38µm		ASTM D7647	>20	3	0	0
Particles >71µm		ASTM D7647	>4	0	0	0
Oil Cleanliness		ISO 4406 (c)	>20/18/15	▲ 24/22/17	▲ 24/21/15	▲ 22/19/13
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	>0.1	NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		6	4	8
Boron	ppm	ASTM D5185m		125	149	191
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		0	<1	0
Manganese	ppm	ASTM D5185m		1	<1	<1
Magnesium	ppm	ASTM D5185m		5	<1	3
Calcium	ppm	ASTM D5185m		83	44	216
Phosphorus	ppm	ASTM D5185m		287	311	525
Zinc	ppm	ASTM D5185m		0	0	21
Sulfur	ppm	ASTM D5185m		1902	872	3149
Visc @ 40°C	cSt	ASTM D445	39	34.9	36.8	34.3



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0919139 **Received** : 19 Apr 2024
Lab Number : 06154188 **Tested** : 23 Apr 2024
Unique Number : 10989611 **Diagnosed** : 23 Apr 2024 - 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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