



# OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Area

## Mobile Fleet

Machine Id

### 6451 6451

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		WC0937858	WC0861583	WC0808825
Sample Date		Client Info		02 Jul 2024	19 Dec 2023	17 Jul 2023
Machine Age	hrs	Client Info		9544	8449	7544
Oil Age	hrs	Client Info		1092	2174	3313
Filter Age	hrs	Client Info		1092	2174	1269
Oil Changed		Client Info		Not Chngd	Changed	Not Chngd
Filter Changed		Client Info		Not Chngd	Changed	Not Chngd
Sample Status				ABNORMAL	ATTENTION	ABNORMAL

### WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>160	33	68	55
Chromium	ppm	ASTM D5185m	>5	0	<1	0
Nickel	ppm	ASTM D5185m	>5	0	0	<1
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m	>5	0	0	0
Aluminum	ppm	ASTM D5185m	>50	21	44	41
Lead	ppm	ASTM D5185m	>50	5	15	14
Copper	ppm	ASTM D5185m	>225	10	19	18
Tin	ppm	ASTM D5185m	>10	2	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

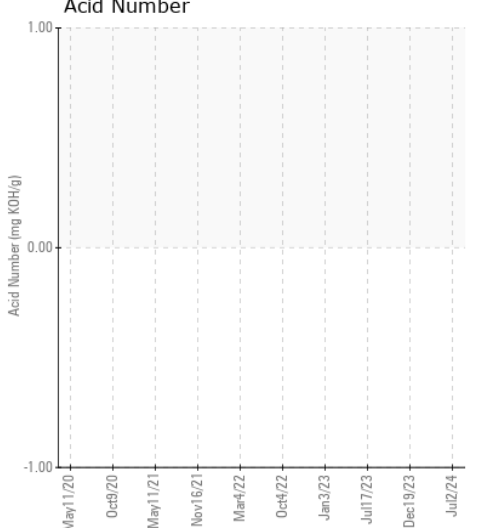
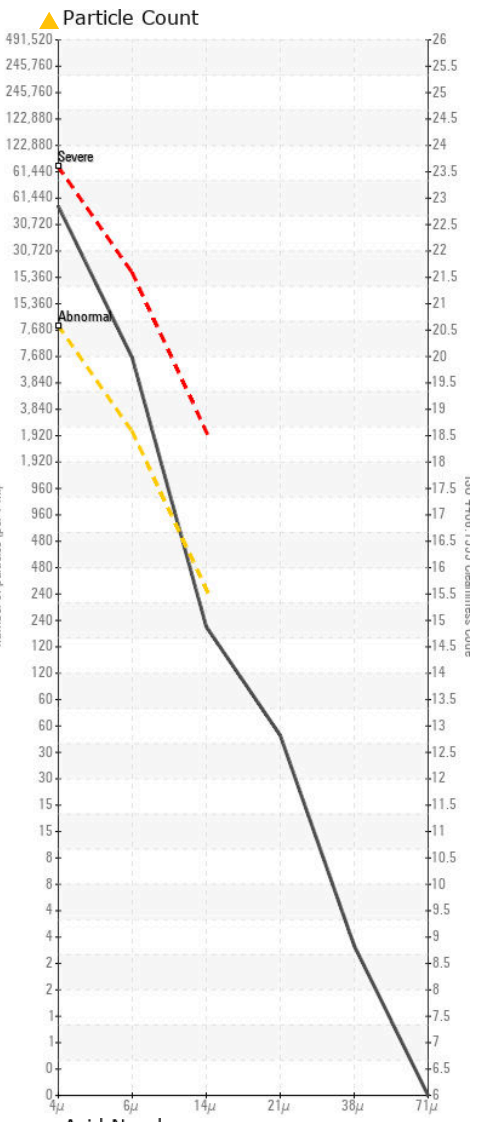
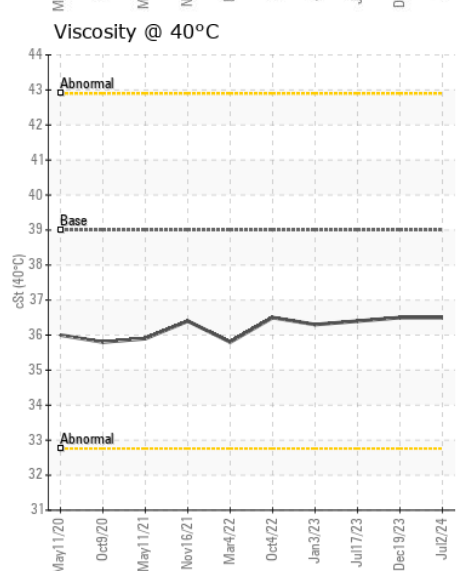
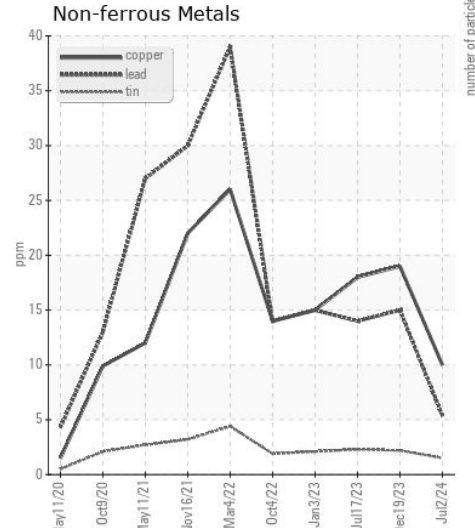
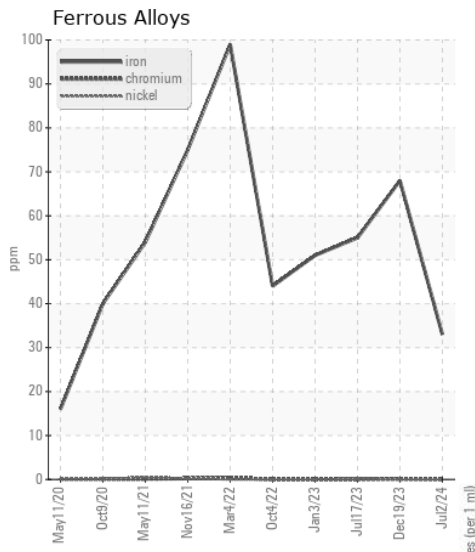
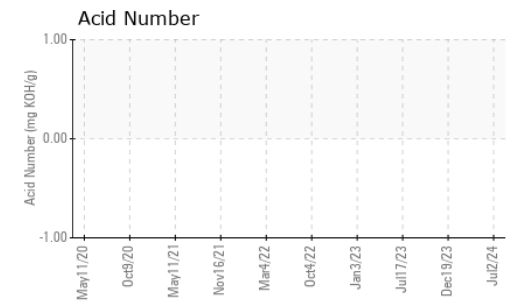
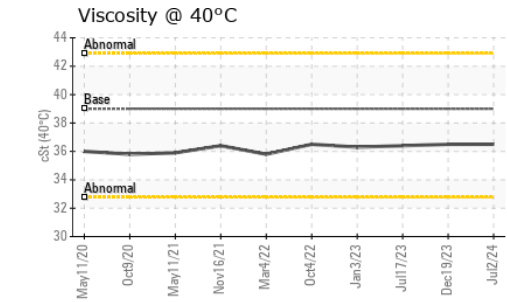
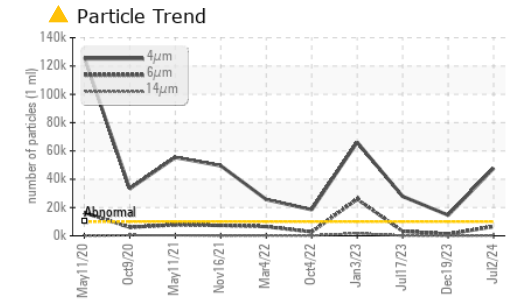
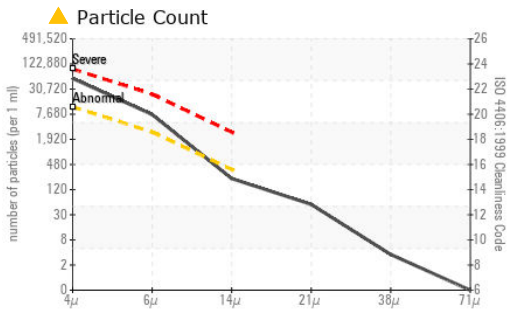
There is a high amount of silt (particulates < 14 microns in size) present in the fluid.

Silicon	ppm	ASTM D5185m	>20	3	6	4
Potassium	ppm	ASTM D5185m	>20	2	3	3
Water		WC Method	>0.1	NEG	NEG	NEG
Particles >4µm		ASTM D7647	>10000	▲ 47742	● 14603	▲ 27891
Particles >6µm		ASTM D7647	>2500	▲ 6567	● 1253	● 3237
Particles >14µm		ASTM D7647	>320	195	8	149
Particles >21µm		ASTM D7647	>80	47	2	34
Particles >38µm		ASTM D7647	>20	3	0	1
Particles >71µm		ASTM D7647	>4	0	0	0
Oil Cleanliness		ISO 4406 (c)	>20/18/15	▲ 23/20/15	● 21/17/10	▲ 22/19/14
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		3	5	1
Boron	ppm	ASTM D5185m		136	127	134
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		0	0	<1
Manganese	ppm	ASTM D5185m		<1	<1	<1
Magnesium	ppm	ASTM D5185m		1	2	3
Calcium	ppm	ASTM D5185m		57	80	56
Phosphorus	ppm	ASTM D5185m		322	334	286
Zinc	ppm	ASTM D5185m		12	0	10
Sulfur	ppm	ASTM D5185m		1567	1337	1141
Visc @ 40°C	cSt	ASTM D445	39	36.5	36.5	36.4



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0937858 **Received** : 05 Jul 2024  
**Lab Number** : 06228420 **Tested** : 08 Jul 2024  
**Unique Number** : 11111913 **Diagnosed** : 08 Jul 2024 - Don Baldridge  
**Test Package** : CONST ( Additional Tests: PrtCount )

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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)