



# OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Area  
**Mobile Fleet**  
 Machine Id  
**8022 8022**  
 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		<b>WC0947869</b>	WC0834928	WC0784540
Sample Date		Client Info		<b>19 Jun 2024</b>	18 Jul 2023	02 Feb 2023
Machine Age	hrs	Client Info		<b>15408</b>	14349	13622
Oil Age	hrs	Client Info		<b>1065</b>	1990	1263
Filter Age	hrs	Client Info		<b>1065</b>	1990	1263
Oil Changed		Client Info		<b>Not Changd</b>	Not Changd	Not Changd
Filter Changed		Client Info		<b>Not Changd</b>	Changed	Not Changd
Sample Status				<b>ABNORMAL</b>	ABNORMAL	ABNORMAL

## WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>300	<b>66</b>	39	35
Chromium	ppm	ASTM D5185m	>2	<b>&lt;1</b>	0	0
Nickel	ppm	ASTM D5185m	>4	<b>&lt;1</b>	0	0
Titanium	ppm	ASTM D5185m	>3	<b>&lt;1</b>	0	0
Silver	ppm	ASTM D5185m	>5	<b>&lt;1</b>	<1	0
Aluminum	ppm	ASTM D5185m	>70	<b>5</b>	2	1
Lead	ppm	ASTM D5185m	>85	<b>3</b>	<1	<1
Copper	ppm	ASTM D5185m	>90	<b>17</b>	21	25
Tin	ppm	ASTM D5185m	>10	<b>1</b>	<1	<1
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	0	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

## CONTAMINATION

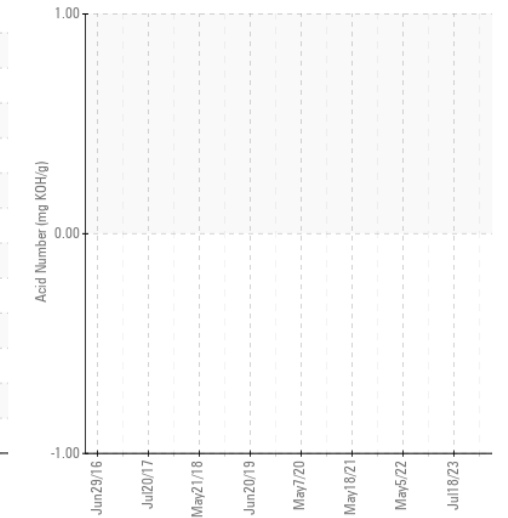
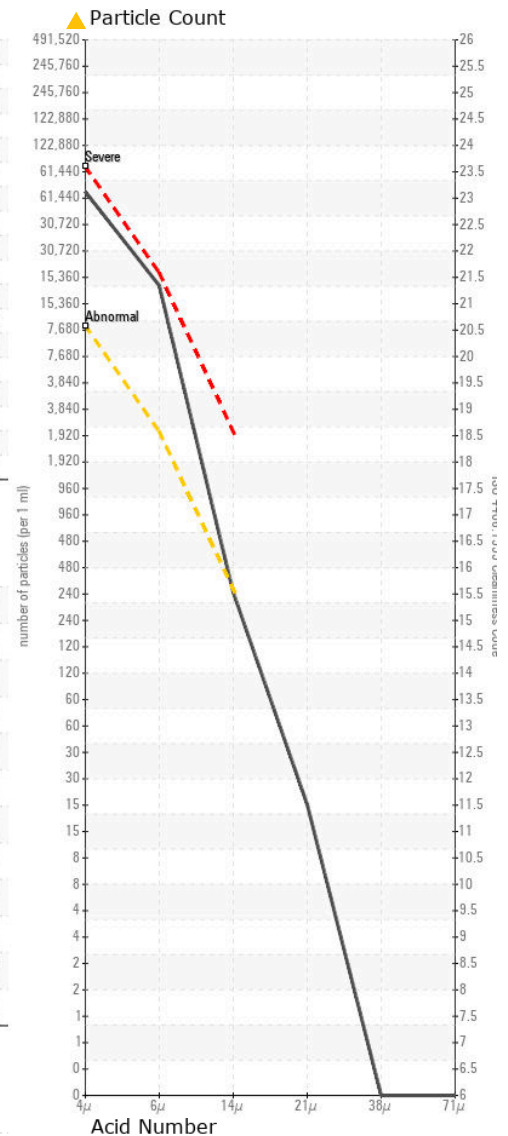
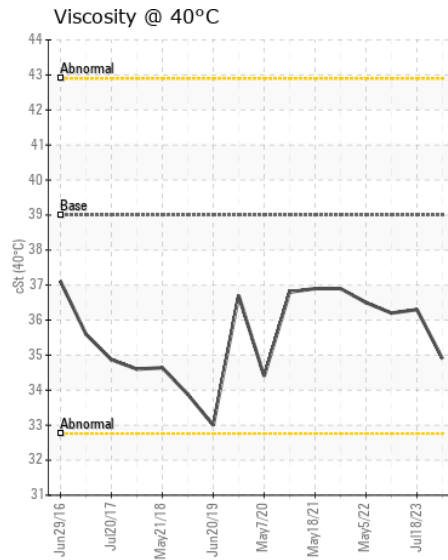
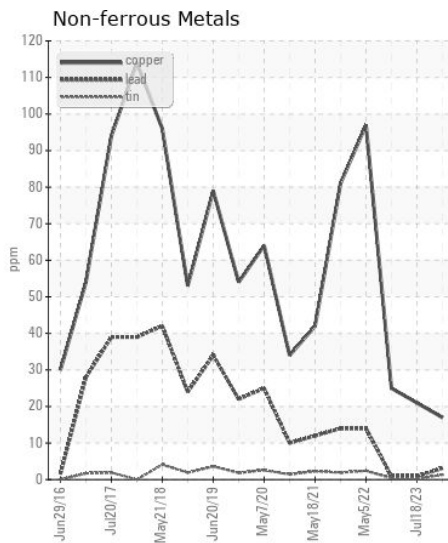
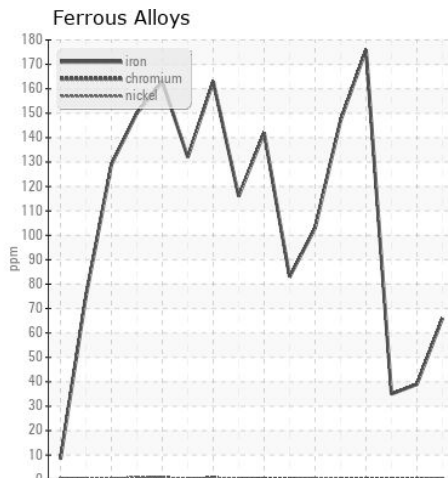
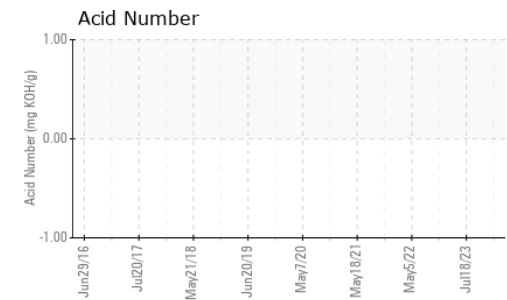
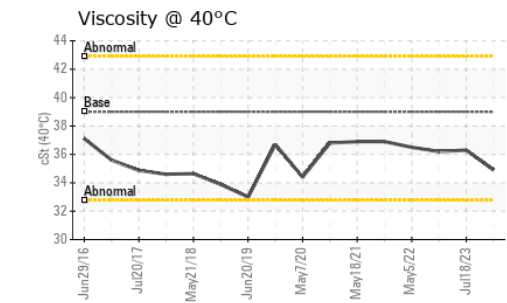
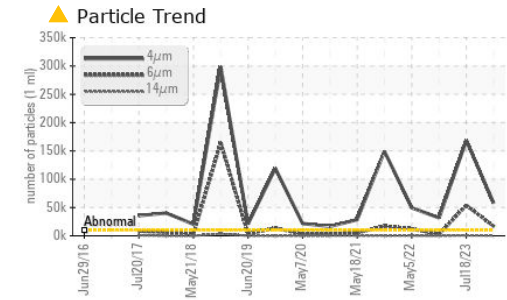
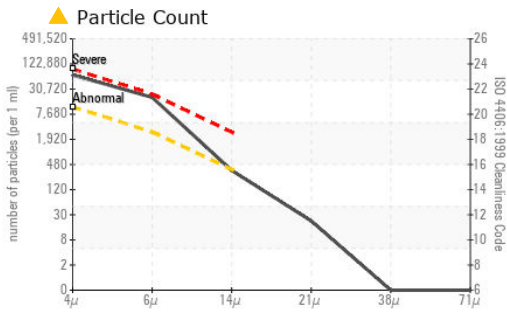
There is a high amount of particulates present in the fluid.

Silicon	ppm	ASTM D5185m	>20	<b>3</b>	3	3
Potassium	ppm	ASTM D5185m	>20	<b>2</b>	<1	0
Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
Particles >4µm		ASTM D7647	>10000	<b>▲ 57775</b>	▲ 168193	▲ 31763
Particles >6µm		ASTM D7647	>2500	<b>▲ 16897</b>	▲ 53935	● 2992
Particles >14µm		ASTM D7647	>320	<b>▲ 305</b>	▲ 733	21
Particles >21µm		ASTM D7647	>80	<b>19</b>	66	2
Particles >38µm		ASTM D7647	>20	<b>0</b>	0	1
Particles >71µm		ASTM D7647	>4	<b>0</b>	0	0
Oil Cleanliness		ISO 4406 (c)	>20/18/15	<b>▲ 23/21/15</b>	▲ 25/23/17	▲ 22/19/12
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	VLITE
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	<b>NEG</b>	NEG	NEG

## FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		<b>&lt;1</b>	0	<1
Boron	ppm	ASTM D5185m		<b>134</b>	156	153
Barium	ppm	ASTM D5185m		<b>1</b>	1	0
Molybdenum	ppm	ASTM D5185m		<b>&lt;1</b>	0	<1
Manganese	ppm	ASTM D5185m		<b>1</b>	<1	<1
Magnesium	ppm	ASTM D5185m		<b>7</b>	6	10
Calcium	ppm	ASTM D5185m		<b>53</b>	49	63
Phosphorus	ppm	ASTM D5185m		<b>322</b>	305	313
Zinc	ppm	ASTM D5185m		<b>24</b>	17	7
Sulfur	ppm	ASTM D5185m		<b>1353</b>	2199	1175
Visc @ 40°C	cSt	ASTM D445	39	<b>34.9</b>	36.3	36.2



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0947869 **Received** : 21 Jun 2024  
**Lab Number** : 06216752 **Tested** : 24 Jun 2024  
**Unique Number** : 11089616 **Diagnosed** : 24 Jun 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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