



# OIL ANALYSIS REPORT

WEAR	<b>NORMAL</b>
CONTAMINATION	<b>ABNORMAL</b>
FLUID CONDITION	<b>NORMAL</b>

Area

**Mobile Fleet**

Machine Id

**8050 8050**

Component

**Transmission (Auto)**

Fluid

**MOBIL DELVAC SYNTHETIC ATF (8 GAL)**

## RECOMMENDATION

We recommend you service the filters on this component if applicable. Resample at the next service interval to monitor. We were unable to perform a particle count due to a high concentration of particles present in this sample.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>WC0918626</b>	WC0784667	WC0794007
Sample Date		Client Info		<b>15 Mar 2024</b>	17 Aug 2023	20 Mar 2023
Machine Age	hrs	Client Info		<b>2193</b>	1030	10
Oil Age	hrs	Client Info		<b>2193</b>	1030	10
Filter Age	hrs	Client Info		<b>2193</b>	1030	10
Oil Changed		Client Info		<b>Not Changd</b>	Not Changd	Not Changd
Filter Changed		Client Info		<b>Not Changd</b>	Not Changd	Not Changd
Sample Status				<b>ABNORMAL</b>	ATTENTION	ABNORMAL

## WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>230	<b>95</b>	67	8
Chromium	ppm	ASTM D5185m	>2	<b>0</b>	0	0
Nickel	ppm	ASTM D5185m	>5	<b>0</b>	0	<1
Titanium	ppm	ASTM D5185m	>2	<b>0</b>	<1	0
Silver	ppm	ASTM D5185m	>5	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>65	<b>24</b>	13	<1
Lead	ppm	ASTM D5185m	>55	<b>28</b>	5	<1
Copper	ppm	ASTM D5185m	>85	<b>11</b>	8	<1
Tin	ppm	ASTM D5185m	>5	<b>2</b>	<1	0
Vanadium	ppm	ASTM D5185m		<b>0</b>	<1	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	LIGHT
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

## CONTAMINATION

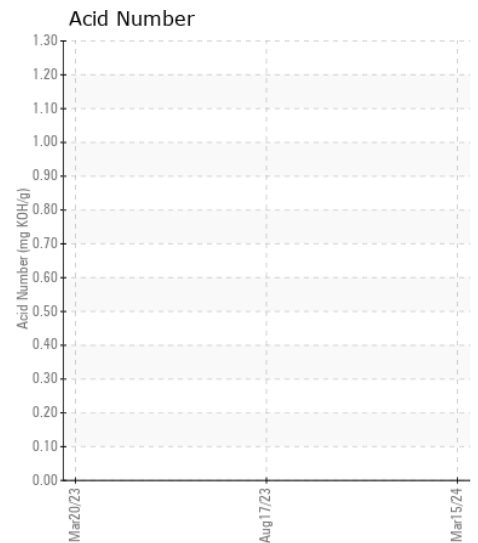
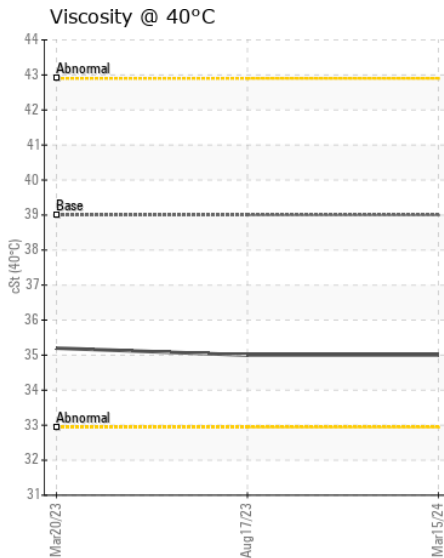
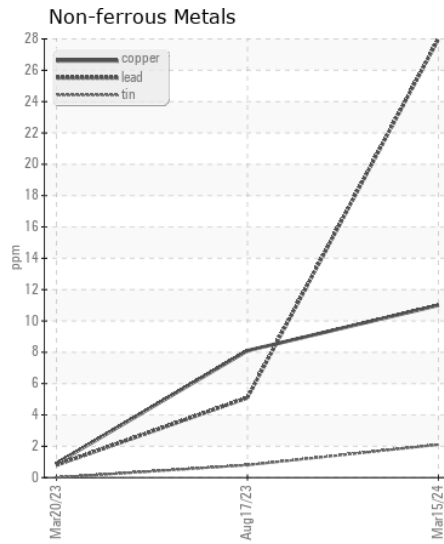
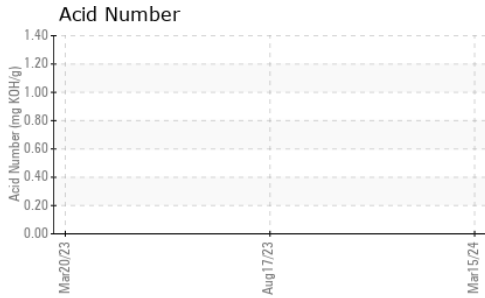
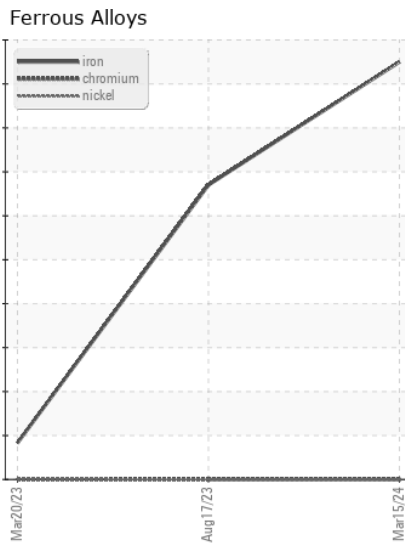
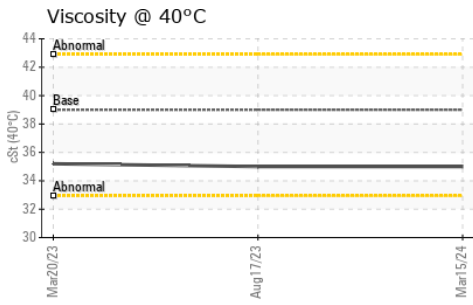
Moderate concentration of visible dirt/debris present in the fluid.

Silicon	ppm	ASTM D5185m	>20	<b>8</b>	5	4
Potassium	ppm	ASTM D5185m	>20	<b>4</b>	4	4
Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
Particles >4µm		ASTM D7647	>10000	<b>---</b>	● 14563	▲ 113152
Particles >6µm		ASTM D7647	>2500	<b>---</b>	● 2631	▲ 18786
Particles >14µm		ASTM D7647	>320	<b>---</b>	108	54
Particles >21µm		ASTM D7647	>80	<b>---</b>	24	6
Particles >38µm		ASTM D7647	>20	<b>---</b>	0	0
Particles >71µm		ASTM D7647	>4	<b>---</b>	0	0
Oil Cleanliness		ISO 4406 (c)	>20/18/15	<b>---</b>	● 21/19/14	▲ 24/21/13
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	▲ <b>MODER</b>	NONE	NONE
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>5</b>	5	2
Boron	ppm	ASTM D5185m		<b>90</b>	118	137
Barium	ppm	ASTM D5185m		<b>2</b>	0	0
Molybdenum	ppm	ASTM D5185m		<b>&lt;1</b>	0	<1
Manganese	ppm	ASTM D5185m		<b>2</b>	2	<1
Magnesium	ppm	ASTM D5185m		<b>2</b>	<1	1
Calcium	ppm	ASTM D5185m		<b>121</b>	65	65
Phosphorus	ppm	ASTM D5185m		<b>273</b>	264	257
Zinc	ppm	ASTM D5185m		<b>17</b>	0	4
Sulfur	ppm	ASTM D5185m		<b>1521</b>	1356	2254
Acid Number (AN)	mg KOH/g	ASTM D8045		<b>---</b>	1.24	---
Visc @ 40°C	cSt	ASTM D445	39	<b>35.0</b>	35.0	35.2



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0918626 **Received** : 20 Mar 2024  
**Lab Number** : 06123531 **Tested** : 25 Mar 2024  
**Unique Number** : 10937682 **Diagnosed** : 25 Mar 2024 - Jonathan Hester  
**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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