



OIL ANALYSIS REPORT

WEAR	ABNORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Area

Mobile Fleet

Machine Id

8023 8023

Component

Transmission (Auto)

Fluid

MOBIL DELVAC SYNTHETIC ATF (8 GAL)

RECOMMENDATION

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.

WEAR

Moderate concentration of visible metal present. All component wear rates are normal.

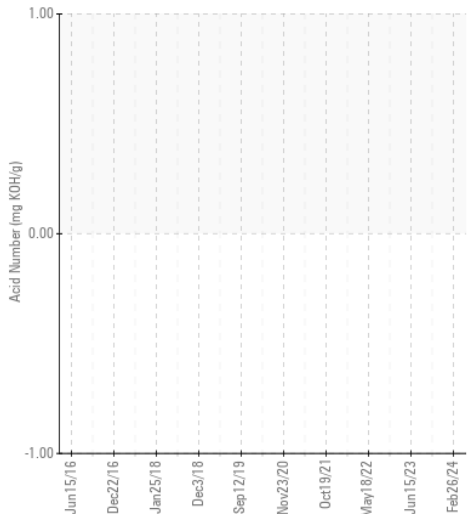
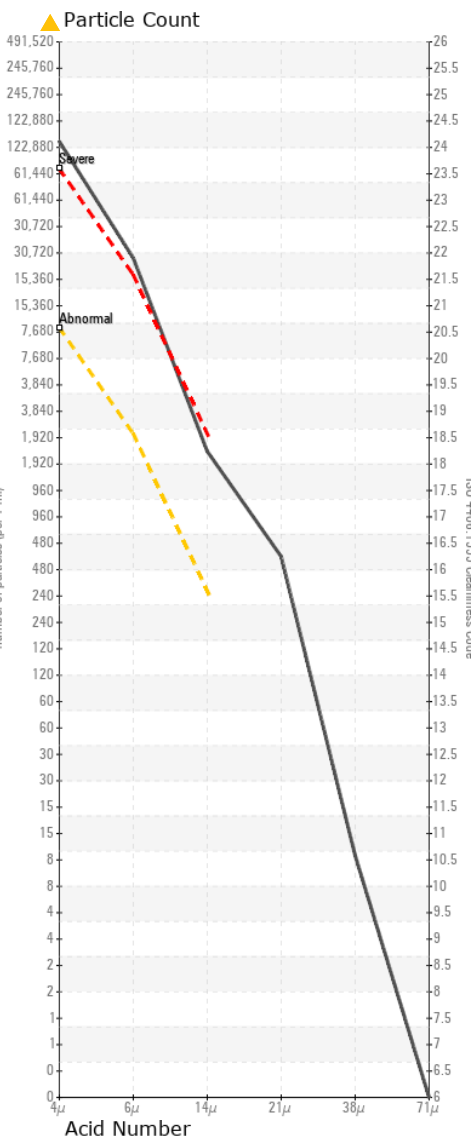
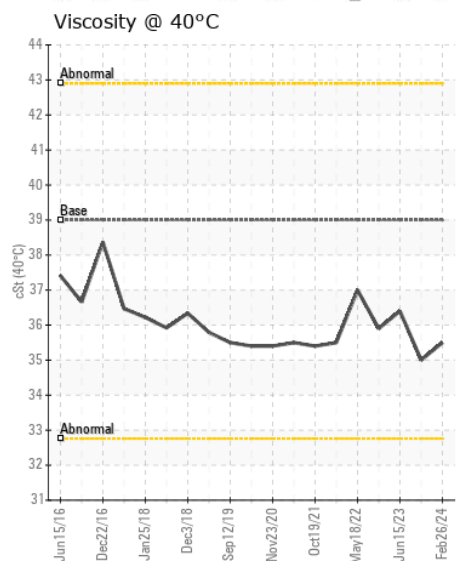
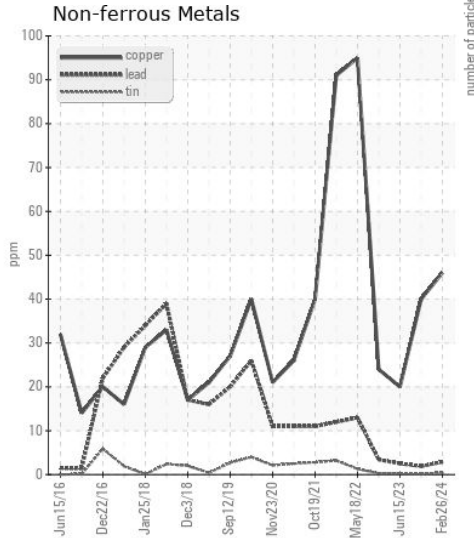
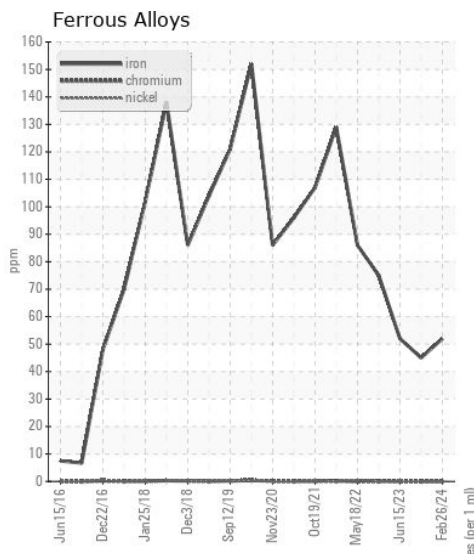
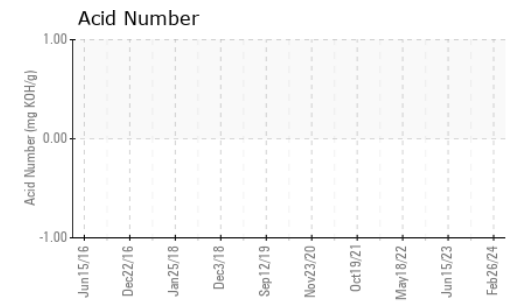
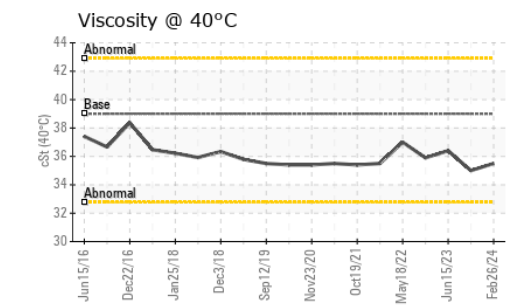
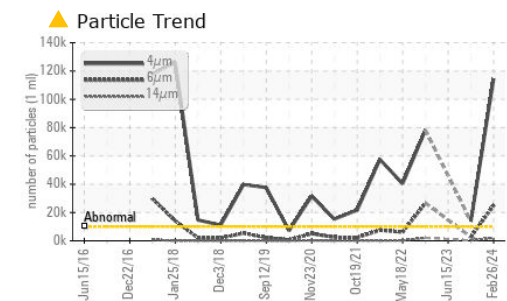
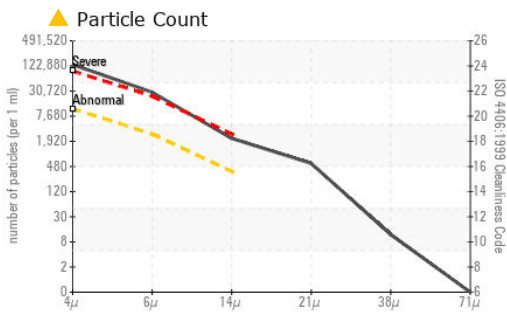
CONTAMINATION

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

FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0902907	WC0885839	WC0819115
Sample Date		Client Info		26 Feb 2024	04 Dec 2023	15 Jun 2023
Machine Age	hrs	Client Info		16540	16047	14951
Oil Age	hrs	Client Info		3979	3486	2390
Filter Age	hrs	Client Info		3979	1096	2390
Oil Changed		Client Info		Changed	Not Changd	Not Changd
Filter Changed		Client Info		Changed	Not Changd	Changed
Sample Status				ABNORMAL	ATTENTION	ABNORMAL
Iron	ppm	ASTM D5185m	>300	52	45	52
Chromium	ppm	ASTM D5185m	>2	0	0	0
Nickel	ppm	ASTM D5185m	>4	0	0	<1
Titanium	ppm	ASTM D5185m	>3	0	0	<1
Silver	ppm	ASTM D5185m	>5	0	0	0
Aluminum	ppm	ASTM D5185m	>70	5	4	4
Lead	ppm	ASTM D5185m	>85	3	2	2
Copper	ppm	ASTM D5185m	>90	46	40	20
Tin	ppm	ASTM D5185m	>10	<1	<1	<1
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	▲ MODER	NONE	▲ MODER
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>20	5	3	8
Potassium	ppm	ASTM D5185m	>20	1	0	4
Water		WC Method	>0.1	NEG	NEG	NEG
Particles >4µm		ASTM D7647	>10000	▲ 114465	● 13822	---
Particles >6µm		ASTM D7647	>2500	▲ 24907	● 2704	---
Particles >14µm		ASTM D7647	>320	▲ 1983	233	---
Particles >21µm		ASTM D7647	>80	▲ 500	64	---
Particles >38µm		ASTM D7647	>20	10	5	---
Particles >71µm		ASTM D7647	>4	0	1	---
Oil Cleanliness		ISO 4406 (c)	>20/18/15	▲ 24/22/18	● 21/19/15	---
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	▲ HEAVY
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
Sodium	ppm	ASTM D5185m		27	27	38
Boron	ppm	ASTM D5185m		44	46	71
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		19	16	25
Calcium	ppm	ASTM D5185m		71	69	49
Phosphorus	ppm	ASTM D5185m		238	244	241
Zinc	ppm	ASTM D5185m		61	46	83
Sulfur	ppm	ASTM D5185m		1398	1400	1607
Visc @ 40°C	cSt	ASTM D445	39	35.5	35.0	36.4



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0902907 **Received** : 28 Feb 2024
Lab Number : 06102850 **Tested** : 29 Feb 2024
Unique Number : 10901080 **Diagnosed** : 29 Feb 2024 - Don Baldrige
Test Package : CONST (Additional Tests: PrtCount)

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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)