



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
Mobile Fleet
 Machine Id
6453 6453
 Component
Transmission (Auto)
 Fluid
MOBIL DELVAC SYNTHETIC ATF (8 GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0937750	WC0885796	WC0819156
Sample Date		Client Info		27 Jun 2024	21 Dec 2023	21 Jun 2023
Machine Age	hrs	Client Info		7740	7178	6100
Oil Age	hrs	Client Info		3932	3370	2292
Filter Age	hrs	Client Info		3932	3370	2292
Oil Changed		Client Info		Changed	Not Changd	Not Changd
Filter Changed		Client Info		Changed	Not Changd	Changed
Sample Status				NORMAL	ABNORMAL	ABNORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>160	109	110	127
Chromium	ppm	ASTM D5185m	>5	0	<1	<1
Nickel	ppm	ASTM D5185m	>5	<1	<1	1
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m	>5	0	0	0
Aluminum	ppm	ASTM D5185m	>50	45	46	▲ 53
Lead	ppm	ASTM D5185m	>50	27	26	37
Copper	ppm	ASTM D5185m	>225	15	17	22
Tin	ppm	ASTM D5185m	>10	7	5	7
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

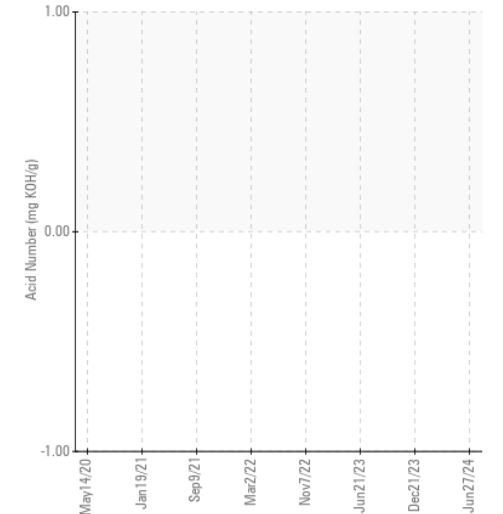
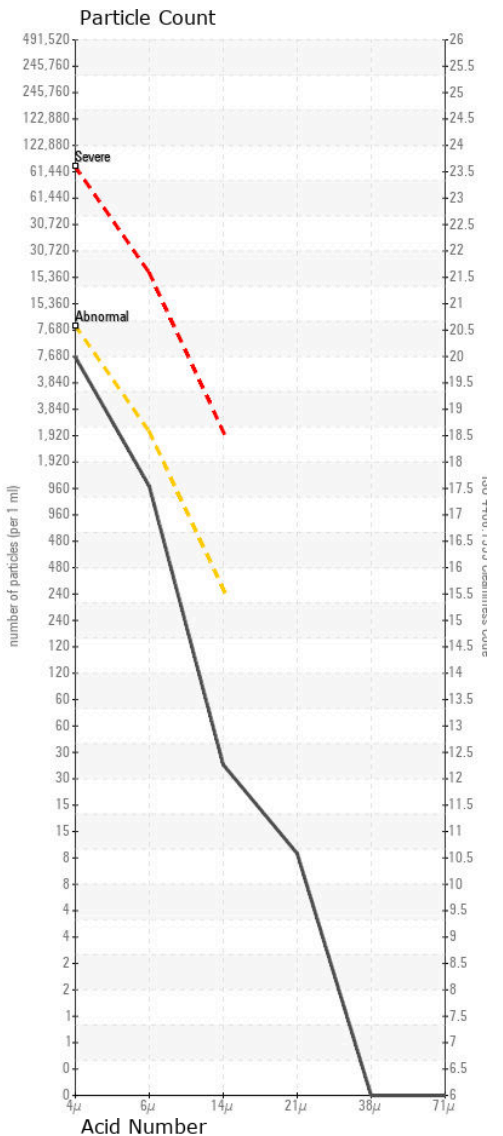
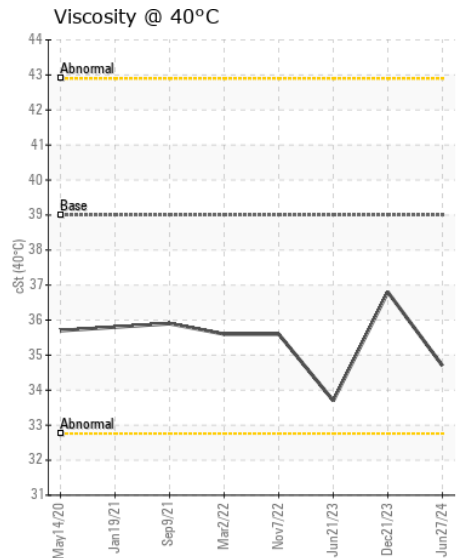
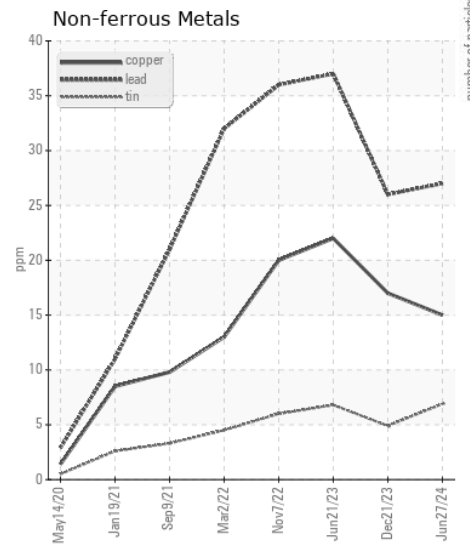
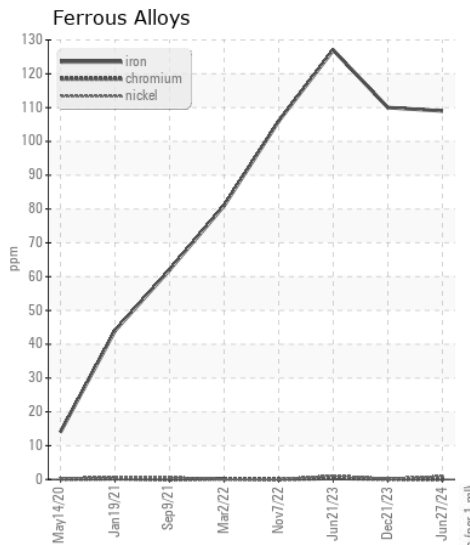
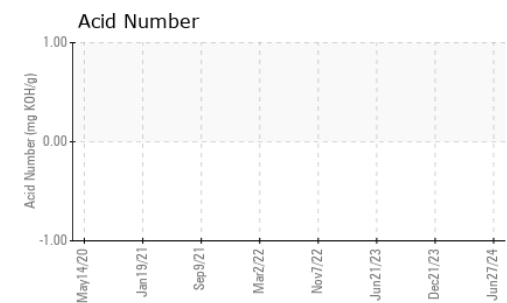
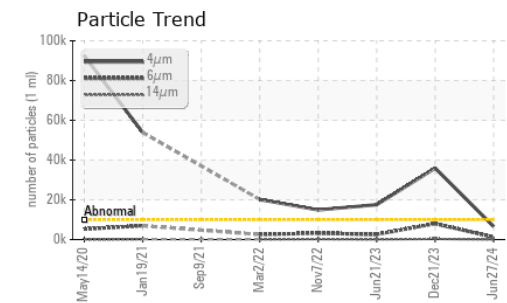
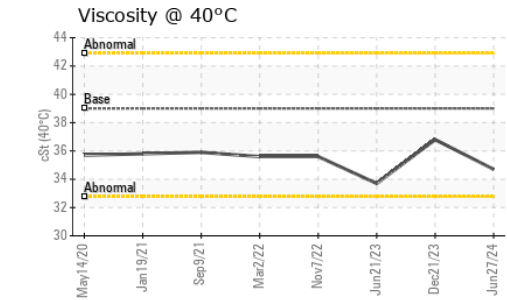
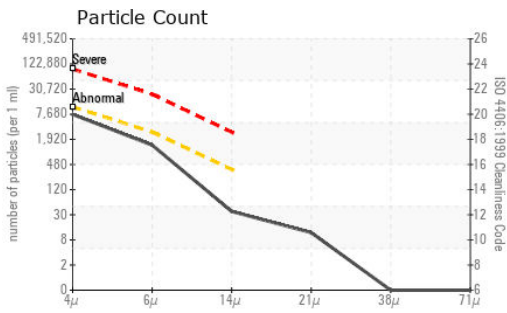
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>20	9	6	6
Potassium	ppm	ASTM D5185m	>20	6	4	5
Water		WC Method	>0.1	NEG	NEG	NEG
Particles >4µm		ASTM D7647	>10000	6629	▲ 35961	● 17548
Particles >6µm		ASTM D7647	>2500	1225	▲ 8020	● 2556
Particles >14µm		ASTM D7647	>320	32	318	48
Particles >21µm		ASTM D7647	>80	10	65	6
Particles >38µm		ASTM D7647	>20	0	2	0
Particles >71µm		ASTM D7647	>4	0	0	0
Oil Cleanliness		ISO 4406 (c)	>20/18/15	20/17/12	▲ 22/20/15	● 21/19/13
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	LIGHT	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		5	4	7
Boron	ppm	ASTM D5185m		103	120	97
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		0	<1	1
Manganese	ppm	ASTM D5185m		2	1	2
Magnesium	ppm	ASTM D5185m		2	2	0
Calcium	ppm	ASTM D5185m		45	60	34
Phosphorus	ppm	ASTM D5185m		326	293	295
Zinc	ppm	ASTM D5185m		5	0	0
Sulfur	ppm	ASTM D5185m		1837	882	1162
Visc @ 40°C	cSt	ASTM D445	39	34.7	36.8	33.7



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0937750 **Received** : 01 Jul 2024
Lab Number : 06224977 **Tested** : 03 Jul 2024
Unique Number : 11103174 **Diagnosed** : 03 Jul 2024 - Don Baldridge
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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