



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Area
Mobile Fleet
 Machine Id
6420 6420
 Component
Transmission (Auto)
 Fluid
MOBIL DELVAC SYNTHETIC ATF (8 GAL)

RECOMMENDATION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0947872	WC0861891	WC0809038
Sample Date		Client Info		19 Jun 2024	12 Jan 2024	15 May 2023
Machine Age	hrs	Client Info		14776	13806	12612
Oil Age	hrs	Client Info		285	1195	2073
Filter Age	hrs	Client Info		285	1195	2073
Oil Changed		Client Info		Not Changd	Not Changd	Changed
Filter Changed		Client Info		Changed	Not Changed	Changed
Sample Status				ABNORMAL	ATTENTION	NORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>300	42	32	76
Chromium	ppm	ASTM D5185m	>2	<1	0	0
Nickel	ppm	ASTM D5185m	>4	<1	0	0
Titanium	ppm	ASTM D5185m	>3	<1	0	0
Silver	ppm	ASTM D5185m	>5	<1	0	0
Aluminum	ppm	ASTM D5185m	>70	13	10	20
Lead	ppm	ASTM D5185m	>85	5	4	8
Copper	ppm	ASTM D5185m	>90	22	17	19
Tin	ppm	ASTM D5185m	>10	2	1	3
Vanadium	ppm	ASTM D5185m		<1	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

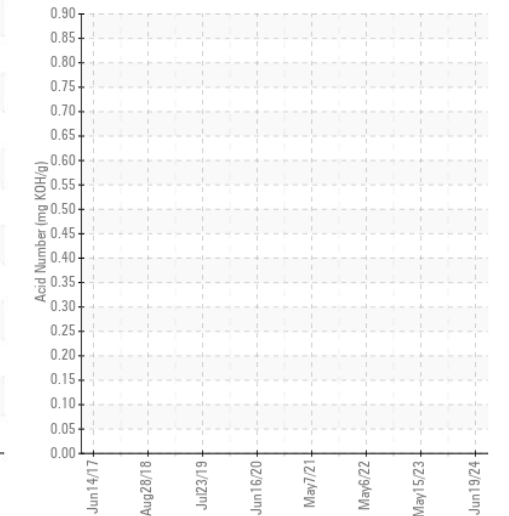
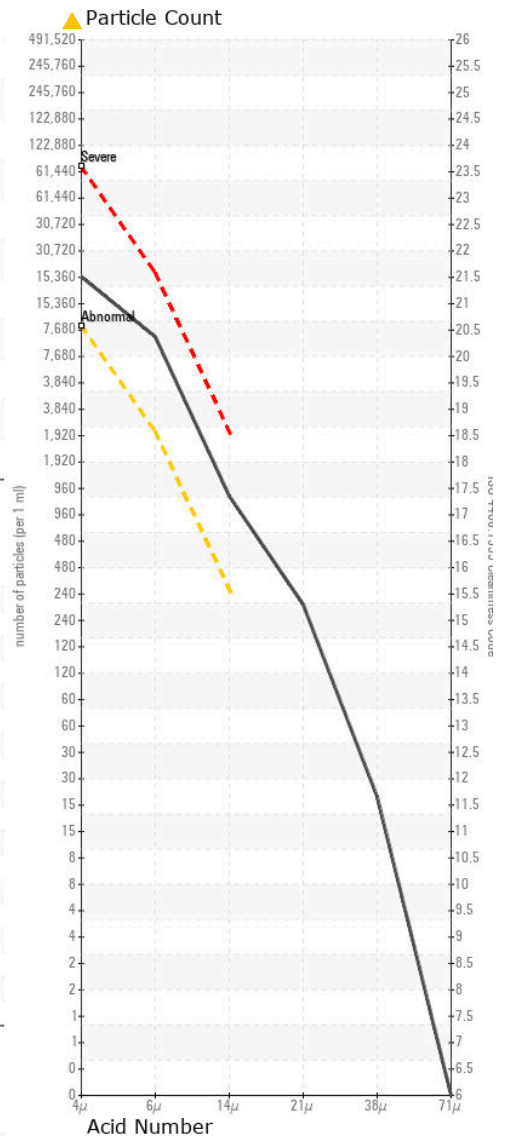
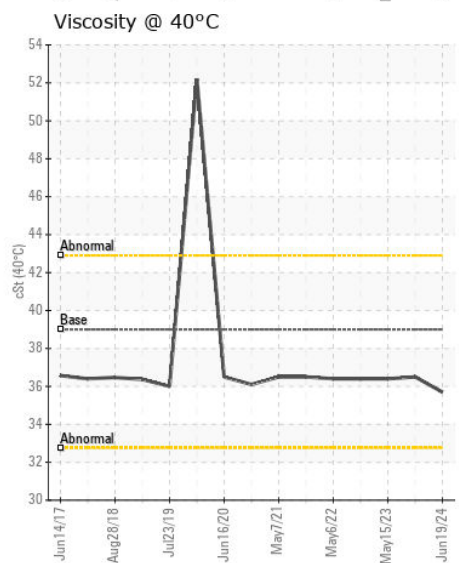
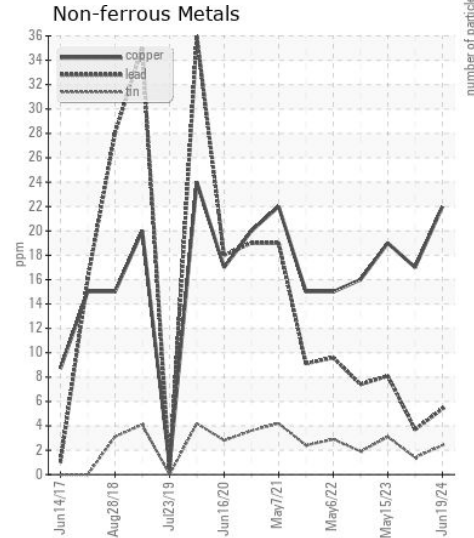
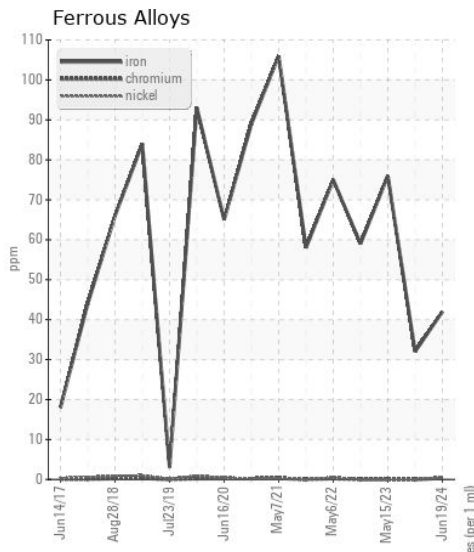
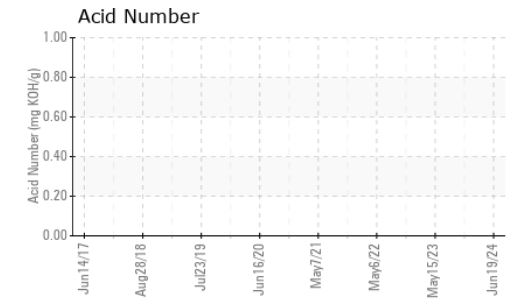
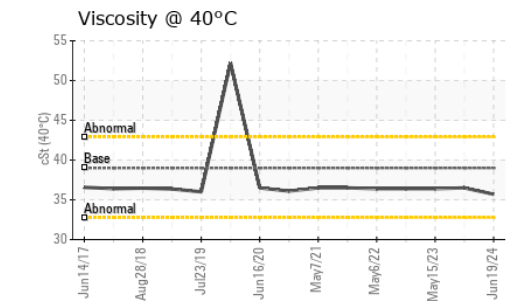
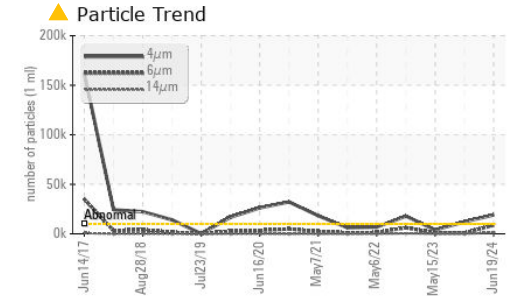
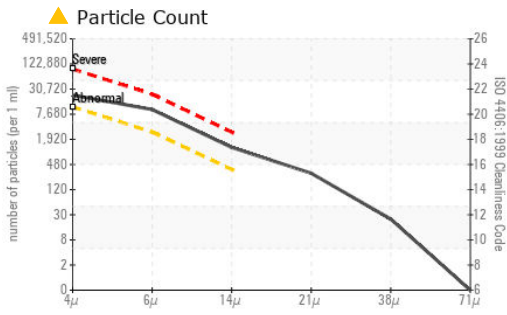
There is a high amount of particulates present in the fluid.

Silicon	ppm	ASTM D5185m	>20	9	2	2
Potassium	ppm	ASTM D5185m	>20	2	<1	0
Water		WC Method	>0.1	NEG	NEG	NEG
Particles >4µm		ASTM D7647	>10000	▲ 19006	● 12118	3932
Particles >6µm		ASTM D7647	>2500	▲ 8648	985	957
Particles >14µm		ASTM D7647	>320	▲ 1079	21	48
Particles >21µm		ASTM D7647	>80	▲ 260	5	13
Particles >38µm		ASTM D7647	>20	▲ 21	0	0
Particles >71µm		ASTM D7647	>4	0	0	0
Oil Cleanliness		ISO 4406 (c)	>20/18/15	▲ 21/20/17	● 21/17/12	19/17/13
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		1	2	4
Boron	ppm	ASTM D5185m		127	132	142
Barium	ppm	ASTM D5185m		1	0	0
Molybdenum	ppm	ASTM D5185m		1	0	0
Manganese	ppm	ASTM D5185m		1	<1	<1
Magnesium	ppm	ASTM D5185m		5	5	<1
Calcium	ppm	ASTM D5185m		133	128	41
Phosphorus	ppm	ASTM D5185m		371	334	302
Zinc	ppm	ASTM D5185m		47	40	0
Sulfur	ppm	ASTM D5185m		3405	1182	1356
Visc @ 40°C	cSt	ASTM D445	39	35.7	36.5	36.4



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0947872 **Received** : 21 Jun 2024
Lab Number : 06216751 **Tested** : 24 Jun 2024
Unique Number : 11089615 **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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