



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ATTENTION
FLUID CONDITION	NORMAL

Area
Mobile Fleet
 Machine Id
8114 8114
 Component
Transmission (Auto)
 Fluid
MOBIL DELVAC SYNTHETIC ATF (8 GAL)

RECOMMENDATION

No corrective action is recommended at this time. Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

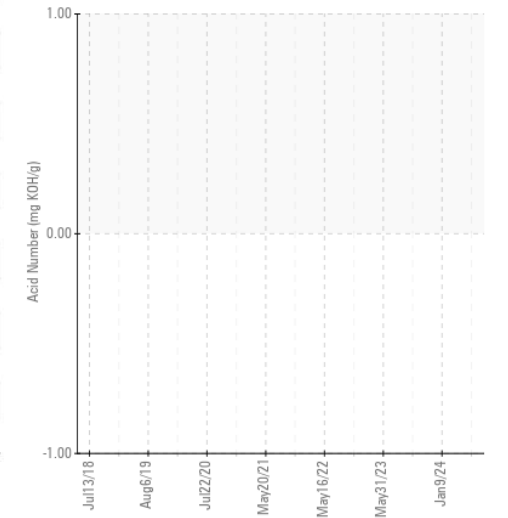
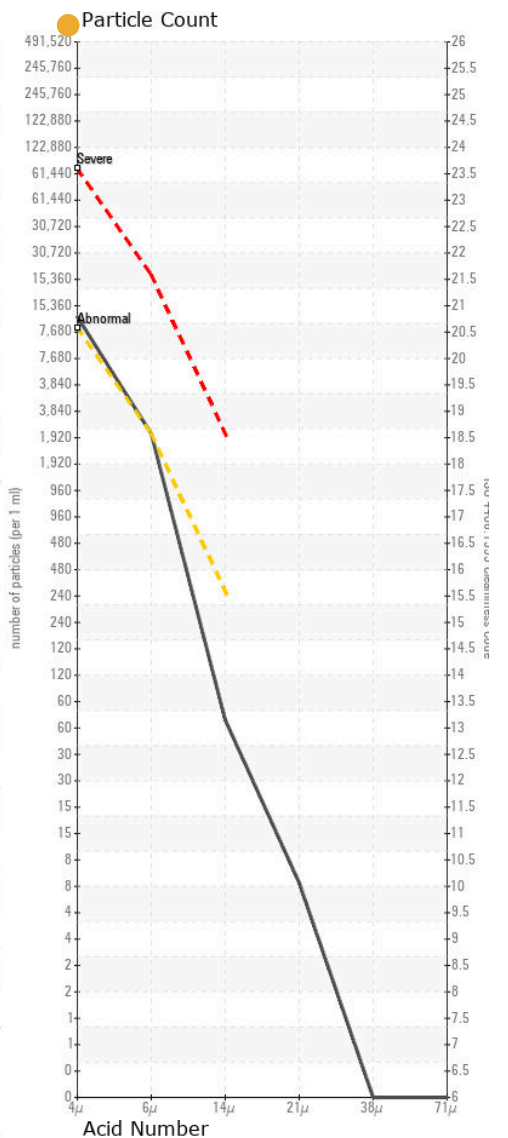
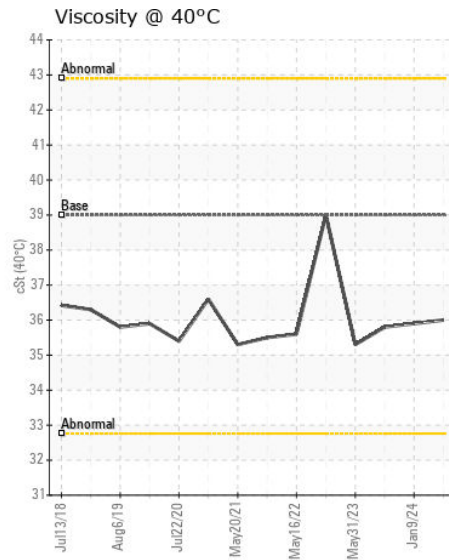
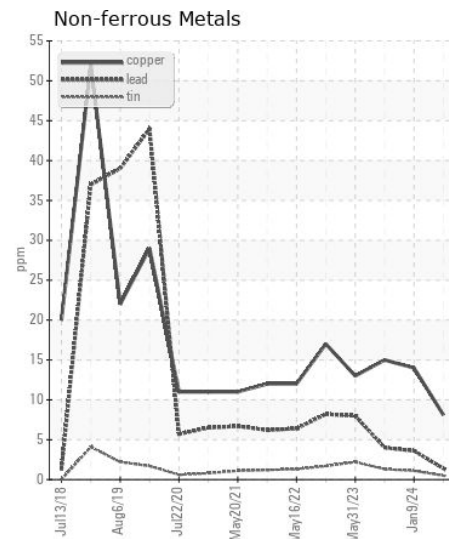
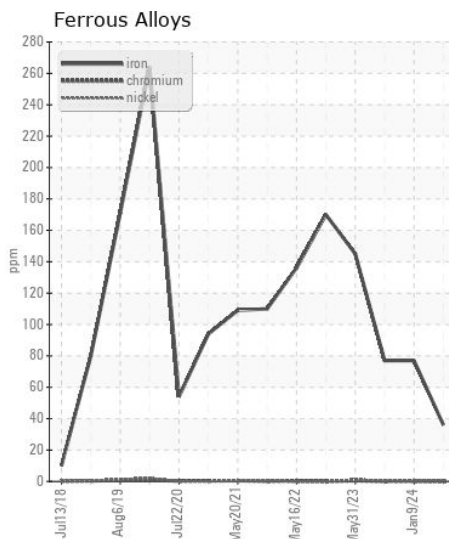
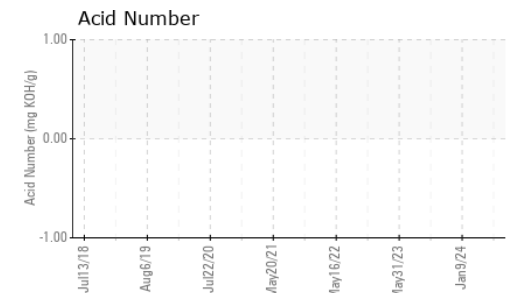
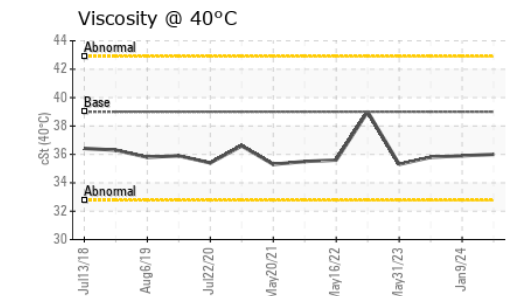
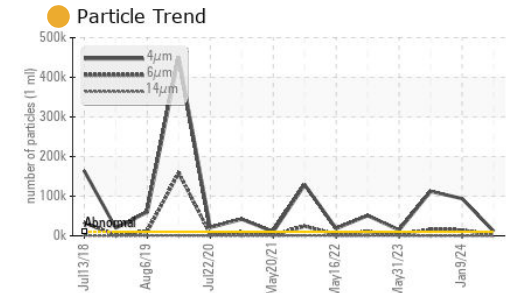
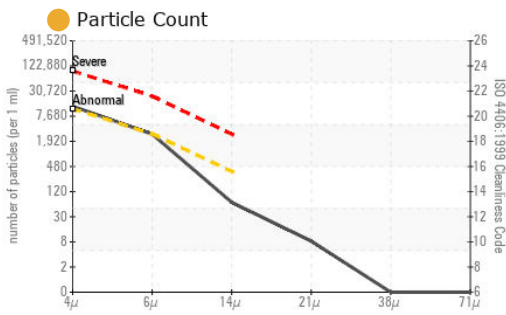
CONTAMINATION

There is a moderate amount of silt (particulates < 14 microns in size) 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		WC0947762	WC0861939	WC0861731
Sample Date		Client Info		18 Jun 2024	09 Jan 2024	21 Nov 2023
Machine Age	hrs	Client Info		13243	12243	11997
Oil Age	hrs	Client Info		1005	2762	2516
Filter Age	hrs	Client Info		1005	2762	2516
Oil Changed		Client Info		Not Changd	Changed	Not Changd
Filter Changed		Client Info		Not Changd	Changed	Not Changd
Sample Status				ATTENTION	ABNORMAL	ABNORMAL
Iron	ppm	ASTM D5185m	>300	36	77	77
Chromium	ppm	ASTM D5185m	>2	0	<1	<1
Nickel	ppm	ASTM D5185m	>4	<1	<1	<1
Titanium	ppm	ASTM D5185m	>3	0	<1	<1
Silver	ppm	ASTM D5185m	>5	0	0	0
Aluminum	ppm	ASTM D5185m	>70	8	16	15
Lead	ppm	ASTM D5185m	>85	1	4	4
Copper	ppm	ASTM D5185m	>90	8	14	15
Tin	ppm	ASTM D5185m	>10	<1	1	1
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	LIGHT	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>20	2	5	4
Potassium	ppm	ASTM D5185m	>20	4	2	3
Water		WC Method	>0.1	NEG	NEG	NEG
Particles >4µm		ASTM D7647	>10000	11541	▲ 93886	▲ 112202
Particles >6µm		ASTM D7647	>2500	2499	▲ 14414	▲ 16295
Particles >14µm		ASTM D7647	>320	59	65	103
Particles >21µm		ASTM D7647	>80	7	4	12
Particles >38µm		ASTM D7647	>20	0	0	1
Particles >71µm		ASTM D7647	>4	0	0	0
Oil Cleanliness		ISO 4406 (c)	>20/18/15	21/18/13	▲ 24/21/13	▲ 24/21/14
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
Sodium	ppm	ASTM D5185m		4	0	0
Boron	ppm	ASTM D5185m		137	137	146
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		0	<1	<1
Manganese	ppm	ASTM D5185m		<1	<1	1
Magnesium	ppm	ASTM D5185m		4	2	2
Calcium	ppm	ASTM D5185m		60	63	65
Phosphorus	ppm	ASTM D5185m		346	313	252
Zinc	ppm	ASTM D5185m		15	3	0
Sulfur	ppm	ASTM D5185m		2011	1190	1100
Visc @ 40°C	cSt	ASTM D445	39	36.0	35.9	35.8



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0947762
Lab Number : 06215694
Unique Number : 11088558
Test Package : CONST (Additional Tests: PrtCount)

Received : 20 Jun 2024
Tested : 22 Jun 2024
Diagnosed : 22 Jun 2024 - Don Baldrige

CAROLINA SUNROCK
 PO BOX 25
 BUTNER, NC
 US 27509

Contact: Leigh Dennis
 rdennis@thesunrockgroup.com

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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