



PROBLEM SUMMARY

Sample Rating Trend

ISO



Area
Mobile Fleet

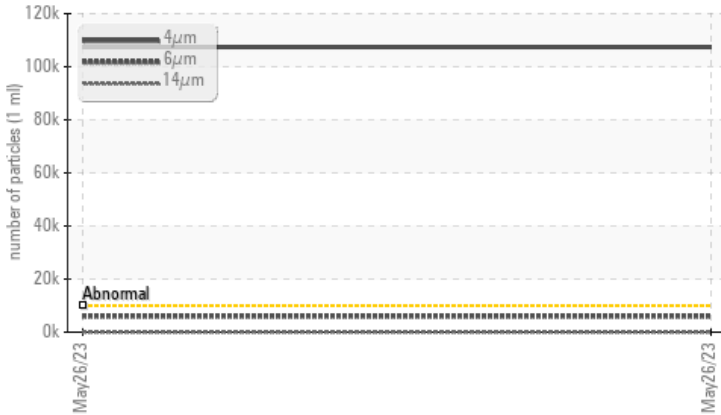
Machine Id
7215 7215

Component
Transmission (Auto)

Fluid
MOBIL MOBILFLUID 424 (16 GAL)

COMPONENT CONDITION SUMMARY

▲ Particle Trend



RECOMMENDATION

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

PROBLEMATIC TEST RESULTS

Sample Status	ASTM D7647	ISO 4406 (c)	ABNORMAL	---	---
Particles >4µm	>10000	>20/18/15	▲ 107421	---	---
Particles >6µm	>2500		▲ 6001	---	---
Oil Cleanliness			▲ 24/20/12	---	---

Customer Id: CARBUTNC
Sample No.: WC0819049
Lab Number: 05862908
Test Package: CONST



To manage this report scan the QR code

To discuss the diagnosis or test data:
Don Baldrige +1
don.b505@comcast.net

To change component or sample information:
Customer Service +1 1-800-237-1369
customerservice@wearcheck.com

RECOMMENDED ACTIONS

There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS



OIL ANALYSIS REPORT

Sample Rating Trend



ISO

Area
Mobile Fleet
 Machine Id
7215 7215

Component
Transmission (Auto)
 Fluid
MOBIL MOBILFLUID 424 (16 GAL)

DIAGNOSIS

▲ 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 high 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.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	WC0819049	---	---
Sample Date	Client Info	26 May 2023	---	---
Machine Age	Client Info	2585	---	---
Oil Age	Client Info	1040	---	---
Oil Changed	Client Info	Not Chngd	---	---
Sample Status		ABNORMAL	---	---

CONTAMINATION

method	limit/base	current	history1	history2
Water	WC Method >0.1	NEG	---	---

WEAR METALS

method	limit/base	current	history1	history2
Iron ppm	ASTM D5185m >160	72	---	---
Chromium ppm	ASTM D5185m >5	<1	---	---
Nickel ppm	ASTM D5185m >5	<1	---	---
Titanium ppm	ASTM D5185m	<1	---	---
Silver ppm	ASTM D5185m >5	<1	---	---
Aluminum ppm	ASTM D5185m >50	4	---	---
Lead ppm	ASTM D5185m >50	2	---	---
Copper ppm	ASTM D5185m >225	148	---	---
Tin ppm	ASTM D5185m >10	1	---	---
Vanadium ppm	ASTM D5185m	<1	---	---
Cadmium ppm	ASTM D5185m	0	---	---

ADDITIVES

method	limit/base	current	history1	history2
Boron ppm	ASTM D5185m	4	---	---
Barium ppm	ASTM D5185m	0	---	---
Molybdenum ppm	ASTM D5185m	<1	---	---
Manganese ppm	ASTM D5185m	4	---	---
Magnesium ppm	ASTM D5185m	105	---	---
Calcium ppm	ASTM D5185m	3645	---	---
Phosphorus ppm	ASTM D5185m	1080	---	---
Zinc ppm	ASTM D5185m	1343	---	---
Sulfur ppm	ASTM D5185m	4221	---	---

CONTAMINANTS

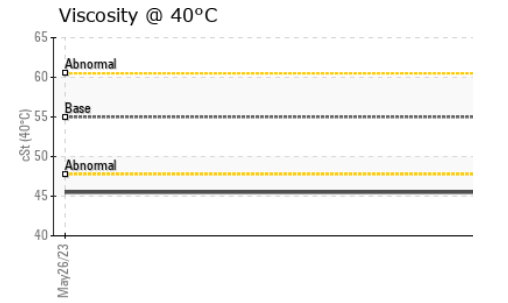
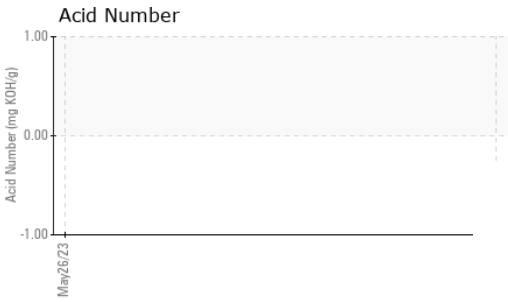
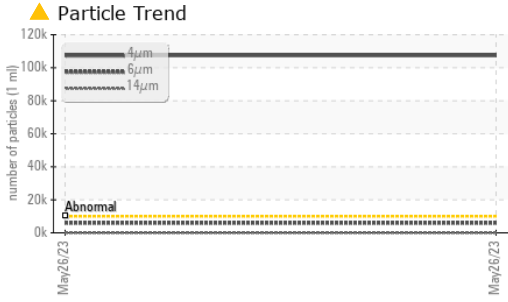
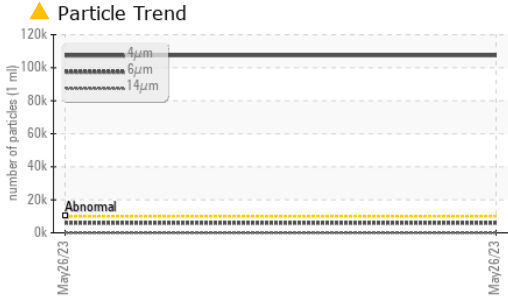
method	limit/base	current	history1	history2
Silicon ppm	ASTM D5185m >20	10	---	---
Sodium ppm	ASTM D5185m	6	---	---
Potassium ppm	ASTM D5185m >20	3	---	---

FLUID CLEANLINESS

method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647 >10000	▲ 107421	---	---
Particles >6µm	ASTM D7647 >2500	▲ 6001	---	---
Particles >14µm	ASTM D7647 >320	25	---	---
Particles >21µm	ASTM D7647 >80	4	---	---
Particles >38µm	ASTM D7647 >20	0	---	---
Particles >71µm	ASTM D7647 >4	0	---	---
Oil Cleanliness	ISO 4406 (c) >20/18/15	▲ 24/20/12	---	---



OIL ANALYSIS REPORT



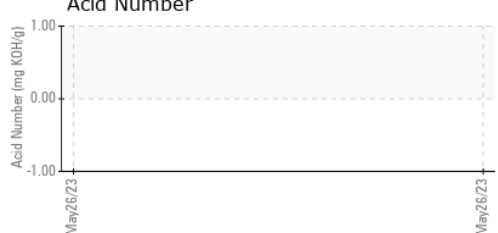
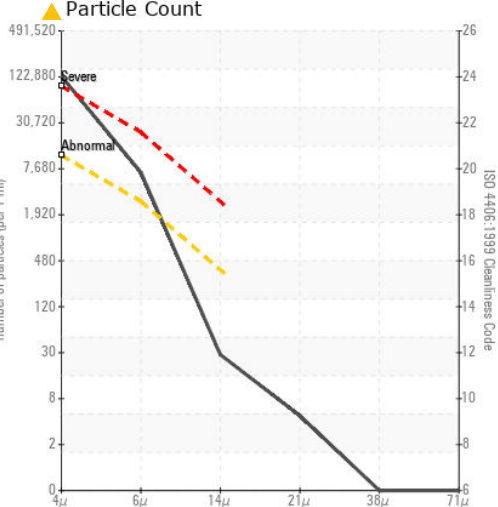
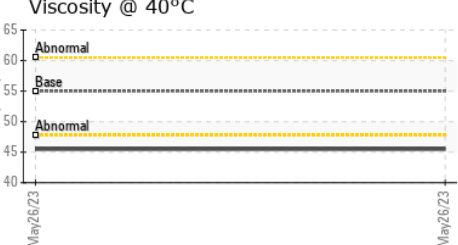
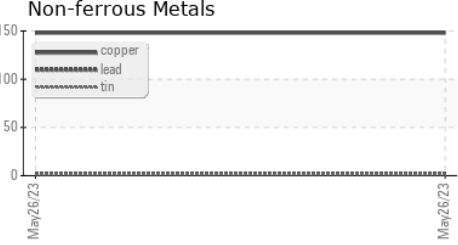
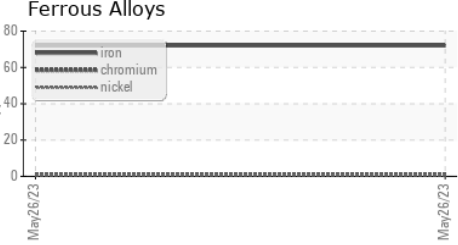
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	LIGHT	---
Yellow Metal	scalar	*Visual	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.1	NEG	---
Free Water	scalar	*Visual		NEG	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445 55	45.5	---	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
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Color		no image	no image
Bottom		no image	no image

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0819049 **Received** : 02 Jun 2023
Lab Number : **05862908** **Diagnosed** : 05 Jun 2023
Unique Number : 10497373 **Diagnostician** : 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)