



OIL ANALYSIS REPORT

WEAR	ABNORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Machine Id
91036
Component
Front Transmission
Fluid
MOBIL 1 SYNTHETIC ATF (10 QTS)

RECOMMENDATION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0824088	---	---
Sample Date		Client Info		19 Feb 2024	---	---
Machine Age	mls	Client Info		145117	---	---
Oil Age	mls	Client Info		145117	---	---
Filter Age	mls	Client Info		145117	---	---
Oil Changed		Client Info		N/A	---	---
Filter Changed		Client Info		N/A	---	---
Sample Status				ABNORMAL	---	---

WEAR

Gear wear is indicated. Torque converter wear is indicated. Clutch wear is indicated.

Iron	ppm	ASTM D5185m	>200	▲ 372	---	---
Chromium	ppm	ASTM D5185m	>10	<1	---	---
Nickel	ppm	ASTM D5185m		4	---	---
Titanium	ppm	ASTM D5185m		<1	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m	>50	▲ 104	---	---
Lead	ppm	ASTM D5185m	>50	▲ 111	---	---
Copper	ppm	ASTM D5185m	>200	▲ 188	---	---
Tin	ppm	ASTM D5185m	>10	▲ 11	---	---
Vanadium	ppm	ASTM D5185m		<1	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---

CONTAMINATION

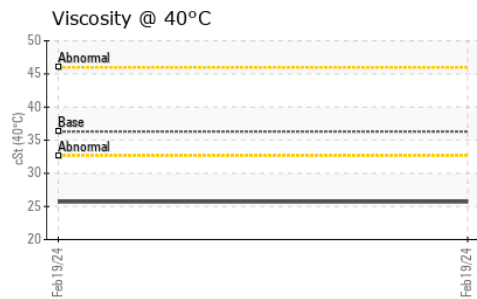
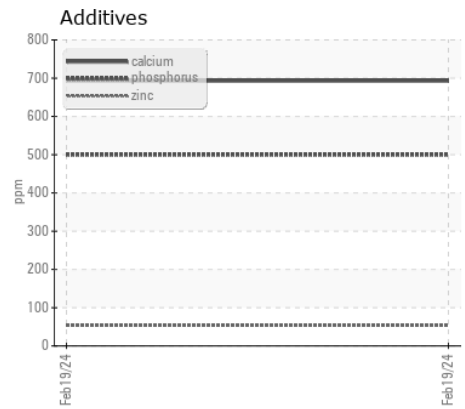
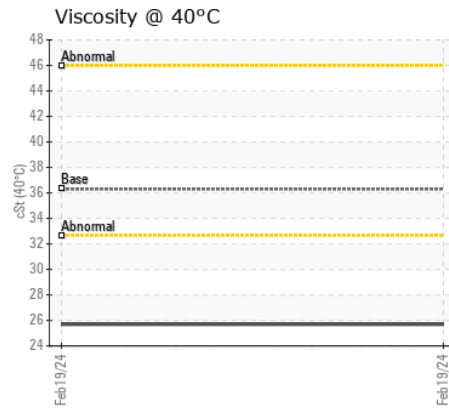
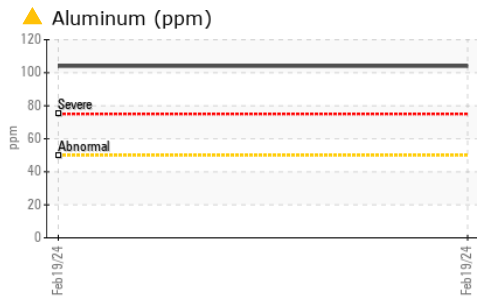
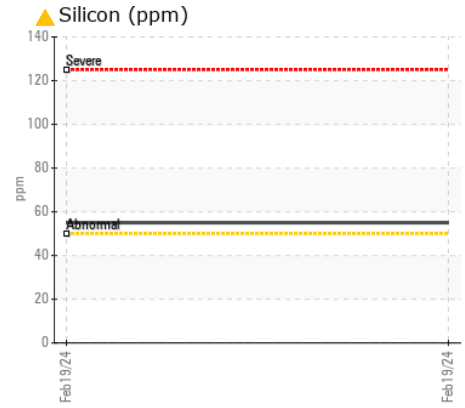
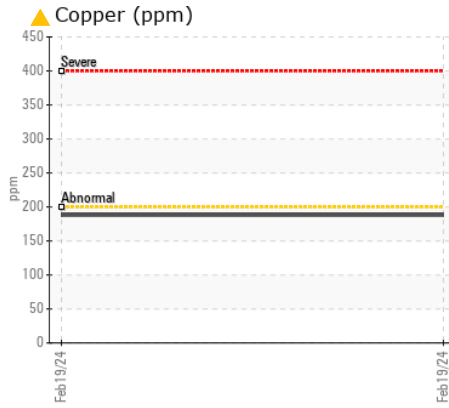
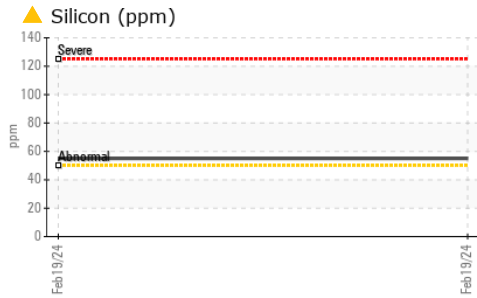
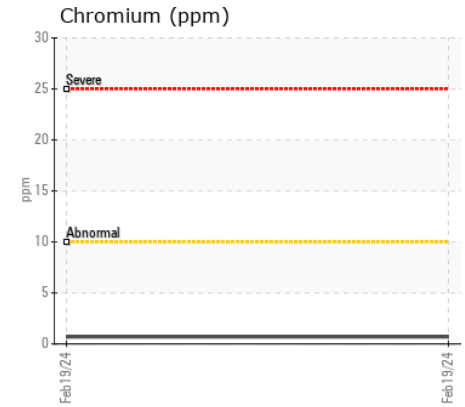
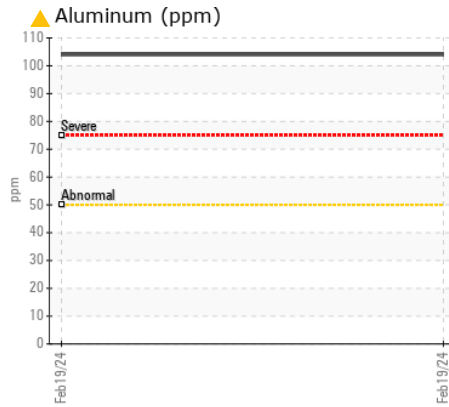
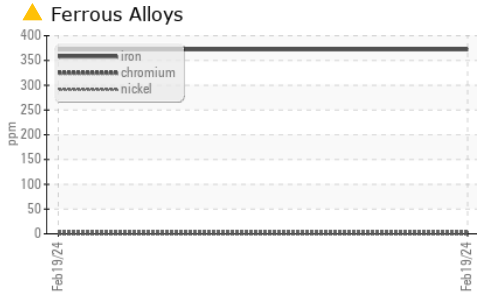
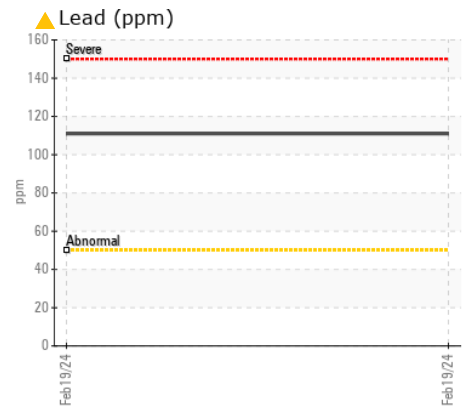
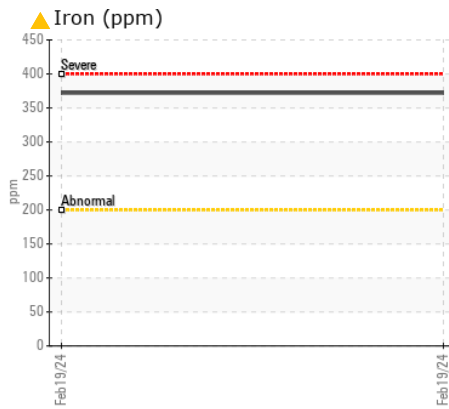
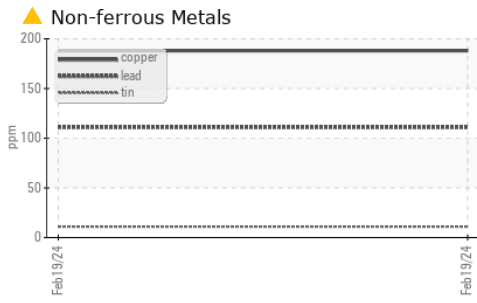
Elemental level of silicon (Si) above normal indicating ingress of seal material.

Silicon	ppm	ASTM D5185m	>50	▲ 55	---	---
Potassium	ppm	ASTM D5185m	>20	15	---	---
Water		WC Method	>0.1	NEG	---	---
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	---	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		16	---	---
Boron	ppm	ASTM D5185m		108	---	---
Barium	ppm	ASTM D5185m		<1	---	---
Molybdenum	ppm	ASTM D5185m		3	---	---
Manganese	ppm	ASTM D5185m		8	---	---
Magnesium	ppm	ASTM D5185m		7	---	---
Calcium	ppm	ASTM D5185m		693	---	---
Phosphorus	ppm	ASTM D5185m		500	---	---
Zinc	ppm	ASTM D5185m		53	---	---
Sulfur	ppm	ASTM D5185m		3864	---	---
Visc @ 40°C	cSt	ASTM D445	36.3	25.7	---	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0824088 **Received** : 19 Mar 2024
Lab Number : 06123266 **Tested** : 22 Mar 2024
Unique Number : 10937417 **Diagnosed** : 22 Mar 2024 - Jonathan Hester
Test Package : MOB 1 (Additional Tests: Glycol)

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 BELTSVILLE, MD
 US 20705
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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)