



OIL ANALYSIS REPORT

WEAR	ABNORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
888/M-10
Component
Transmission (Auto)
Fluid
ATF (--- 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		WC0868234	WC0868255	---
Sample Date		Client Info		16 May 2024	21 Feb 2024	---
Machine Age	hrs	Client Info		0	0	---
Oil Age	hrs	Client Info		0	0	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Not Changed	Not Changed	---
Filter Changed		Client Info		Not Changed	Not Changed	---
Sample Status				ABNORMAL	ABNORMAL	---

WEAR

The aluminum level is abnormal. Torque converter wear is indicated.

Iron	ppm	ASTM D5185m	>160	147	106	---
Chromium	ppm	ASTM D5185m	>5	<1	<1	---
Nickel	ppm	ASTM D5185m	>5	5	4	---
Titanium	ppm	ASTM D5185m		<1	<1	---
Silver	ppm	ASTM D5185m	>5	<1	0	---
Aluminum	ppm	ASTM D5185m	>50	▲ 93	▲ 61	---
Lead	ppm	ASTM D5185m	>50	3	2	---
Copper	ppm	ASTM D5185m	>225	74	59	---
Tin	ppm	ASTM D5185m	>10	4	2	---
Vanadium	ppm	ASTM D5185m		<1	<1	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

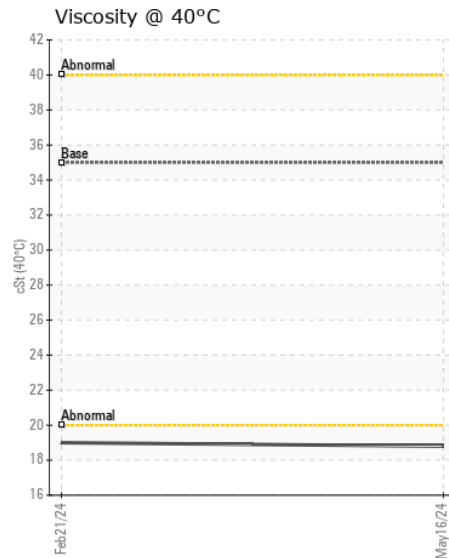
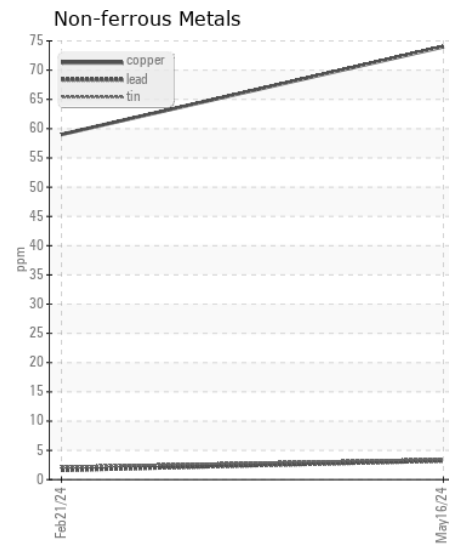
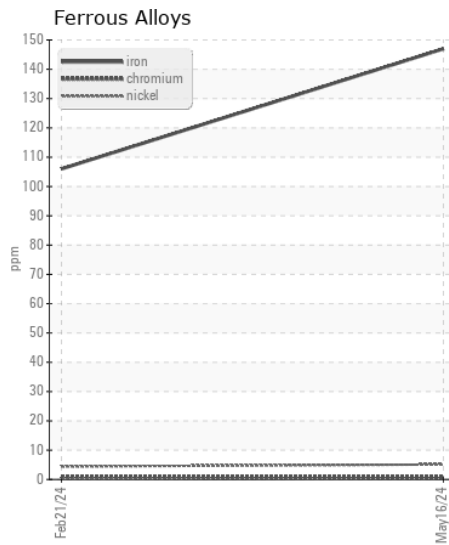
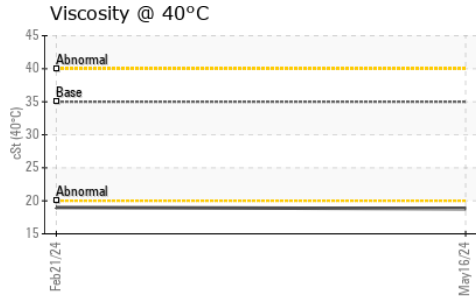
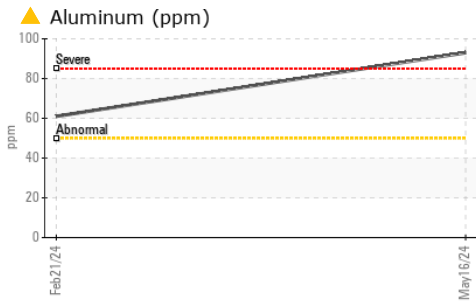
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>20	18	15	---
Potassium	ppm	ASTM D5185m	>20	5	5	---
Water		WC Method	>0.1	NEG	NEG	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		7	6	---
Boron	ppm	ASTM D5185m		69	56	---
Barium	ppm	ASTM D5185m		0	2	---
Molybdenum	ppm	ASTM D5185m		<1	<1	---
Manganese	ppm	ASTM D5185m		40	34	---
Magnesium	ppm	ASTM D5185m		1	1	---
Calcium	ppm	ASTM D5185m		119	108	---
Phosphorus	ppm	ASTM D5185m		276	265	---
Zinc	ppm	ASTM D5185m		11	12	---
Sulfur	ppm	ASTM D5185m		1251	1143	---
Visc @ 40°C	cSt	ASTM D445	35.0	18.8	19.00	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0868234
Lab Number : **06189634**
Unique Number : 11046386
Test Package : CONST
Received : 23 May 2024
Tested : 25 May 2024
Diagnosed : 28 May 2024 - Sean Felton

CYFAIR FIRE DEPARTMENT
 10710 TELGE RD
 HOUSTON, TX
 US 77095
 Contact: JEFF DAVIDSON
 jeff.davidson@cyfairfd.org
 T: (281)656-3440
 F: (281)807-1853

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)