



WEAR	ABNORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
FORD F-150 V119
 Component
Transmission (Auto)
 Fluid
ATF (--- GAL)

RECOMMENDATION

Please note that all wear metal and contaminant levels are being considered accumulative. No corrective action is recommended at this time. Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

WEAR

Gear wear is indicated. Torque converter wear is indicated.

CONTAMINATION

There is no indication of any contamination in the fluid.

FLUID CONDITION

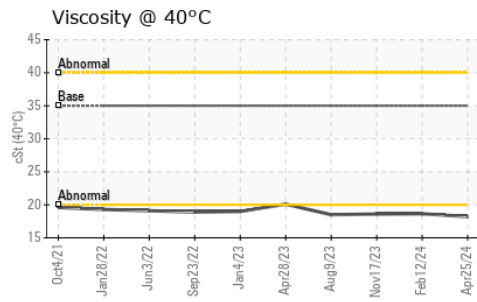
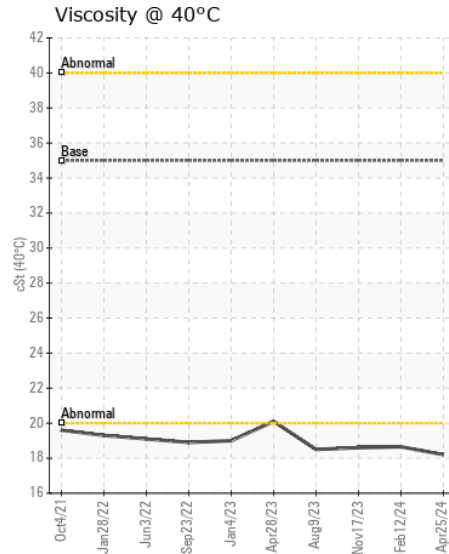
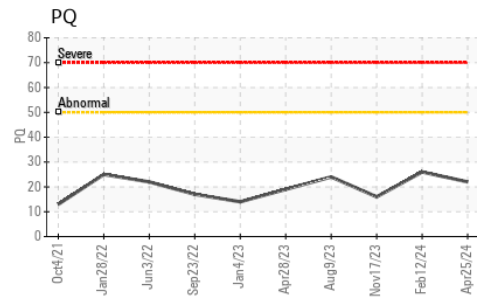
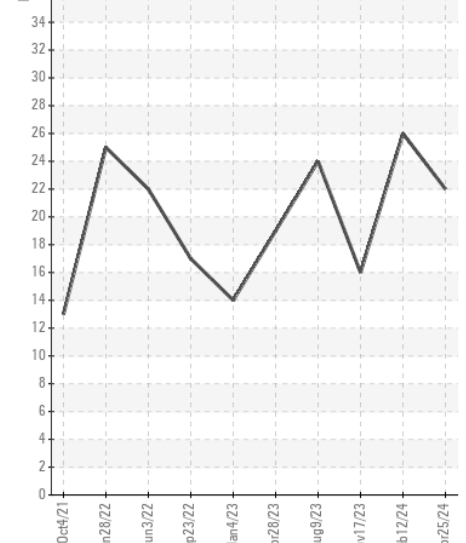
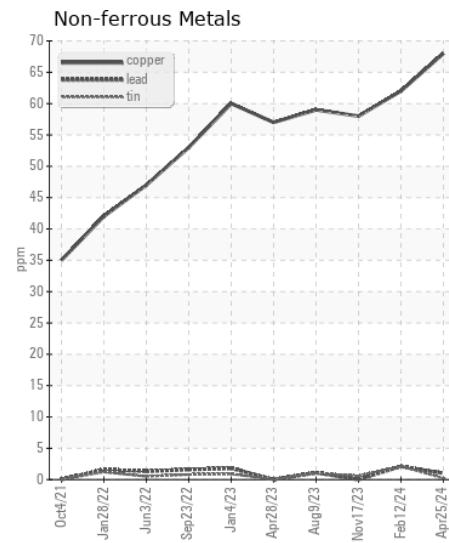
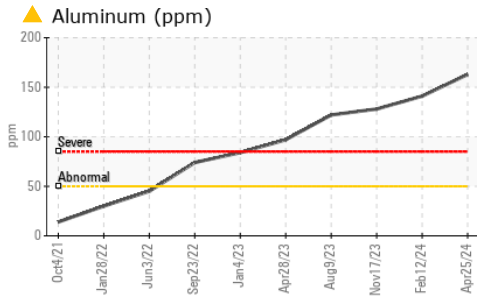
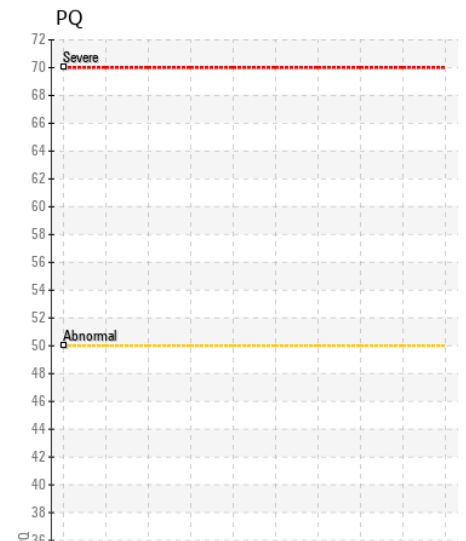
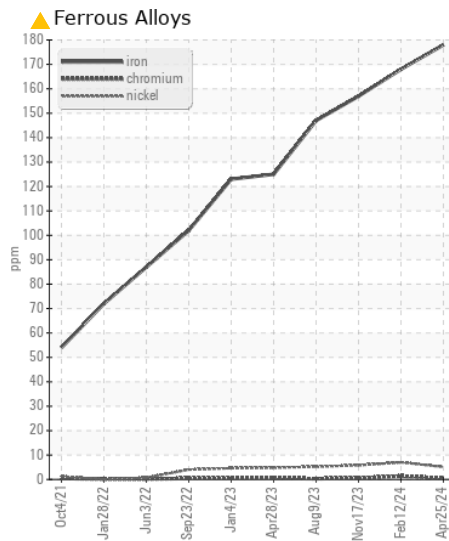
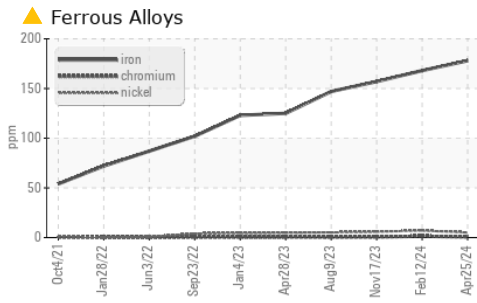
The condition of the fluid is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0206137	JR0198486	JR0178491
Sample Date		Client Info		25 Apr 2024	12 Feb 2024	17 Nov 2023
Machine Age	mls	Client Info		84540	78768	73005
Oil Age	mls	Client Info		84540	0	73005
Filter Age	mls	Client Info		84540	0	73005
Oil Changed		Client Info		Changed	Not Changd	Not Changd
Filter Changed		Client Info		Changed	Changed	Not Changd
Sample Status				ABNORMAL	MARGINAL	ABNORMAL

PQ		ASTM D8184	>50	22	26	16
Iron	ppm	ASTM D5185m	>160	▲ 178	▲ 168	157
Chromium	ppm	ASTM D5185m	>5	<1	1	<1
Nickel	ppm	ASTM D5185m	>5	5	7	6
Titanium	ppm	ASTM D5185m		0	<1	0
Silver	ppm	ASTM D5185m	>5	0	<1	0
Aluminum	ppm	ASTM D5185m	>50	▲ 163	▲ 141	▲ 128
Lead	ppm	ASTM D5185m	>50	1	2	0
Copper	ppm	ASTM D5185m	>225	68	62	58
Tin	ppm	ASTM D5185m	>10	<1	2	<1
Vanadium	ppm	ASTM D5185m		0	<1	0
White Metal	scalar	*Visual	NONE	NONE	MODER	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

Silicon	ppm	ASTM D5185m	>20	19	19	18
Potassium	ppm	ASTM D5185m	>20	4	6	4
Water		WC Method	>0.1	NEG	NEG	NEG
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

Sodium	ppm	ASTM D5185m		13	9	11
Boron	ppm	ASTM D5185m		42	37	37
Barium	ppm	ASTM D5185m		2	<1	0
Molybdenum	ppm	ASTM D5185m		0	1	0
Manganese	ppm	ASTM D5185m		44	46	45
Magnesium	ppm	ASTM D5185m		2	5	6
Calcium	ppm	ASTM D5185m		105	112	115
Phosphorus	ppm	ASTM D5185m		241	248	267
Zinc	ppm	ASTM D5185m		17	0	0
Sulfur	ppm	ASTM D5185m		1050	1109	1092
Visc @ 40°C	cSt	ASTM D445	35.0	18.2	18.65	18.6



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0206137 **Received** : 10 May 2024
Lab Number : 06175729 **Tested** : 13 May 2024
Unique Number : 11021782 **Diagnosed** : 13 May 2024 - Sean Felton
Test Package : CONST (Additional Tests: PQ)

MATTHEWS CONSTRUCTION
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 ROCK HILL, SC
 US 29732
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 T: (803)207-5607
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Certificate L2367
 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)