



# WEAR CHECK

## OIL ANALYSIS REPORT

WEAR	<b>ABNORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>

Area

**2H28**

Machine Id

**FORD F-550 FBK9595 (S/N 1FD0W5GT9GEA73811)**

Component

**Transmission (Auto)**

Fluid

**{not provided} (16 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		<b>ARI0006739</b>	ARI0006689	ARI0005633
Sample Date		Client Info		<b>02 Aug 2023</b>	14 Mar 2023	27 Oct 2022
Machine Age	mls	Client Info		<b>0</b>	142585	135884
Oil Age	mls	Client Info		<b>0</b>	0	135884
Filter Age	mls	Client Info		<b>0</b>	0	135884
Oil Changed		Client Info		<b>N/A</b>	Not Changd	Not Changd
Filter Changed		Client Info		<b>N/A</b>	Not Changd	Not Changd
Sample Status				<b>ABNORMAL</b>	ABNORMAL	ABNORMAL

### WEAR

Gear wear is indicated. Torque converter wear is indicated.

Iron	ppm	ASTM D5185m	>160	<b>▲ 172</b>	▲ 175	155
Chromium	ppm	ASTM D5185m	>5	<b>&lt;1</b>	0	<1
Nickel	ppm	ASTM D5185m	>5	<b>6</b>	5	5
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	0	0
Silver	ppm	ASTM D5185m	>5	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>50	<b>▲ 94</b>	▲ 81	▲ 82
Lead	ppm	ASTM D5185m	>50	<b>4</b>	2	3
Copper	ppm	ASTM D5185m	>225	<b>50</b>	59	52
Tin	ppm	ASTM D5185m	>10	<b>4</b>	4	4
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	0	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

### CONTAMINATION

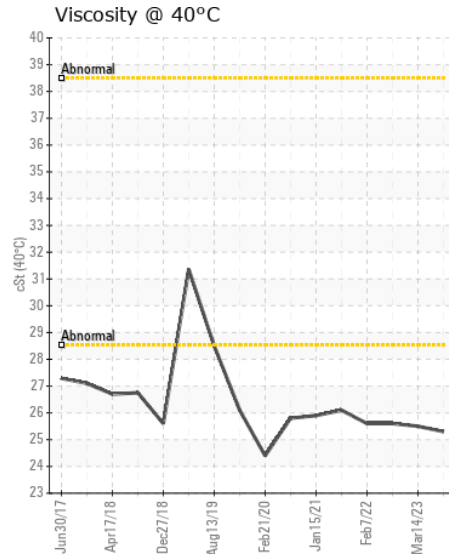
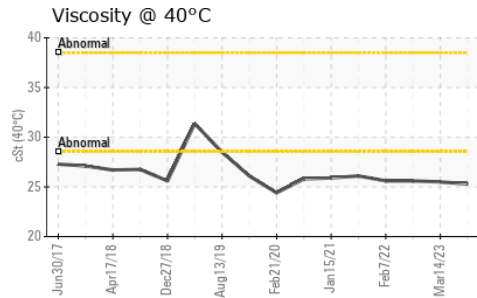
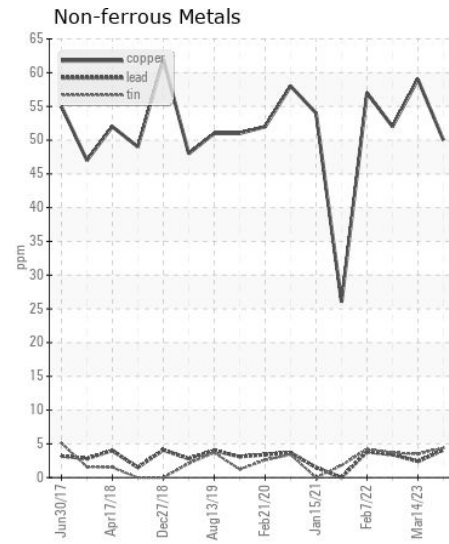
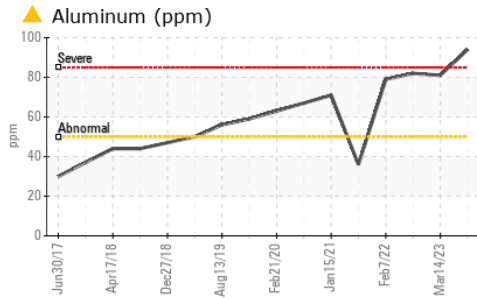
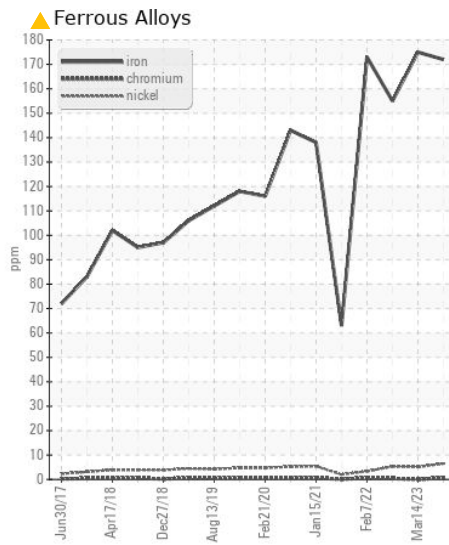
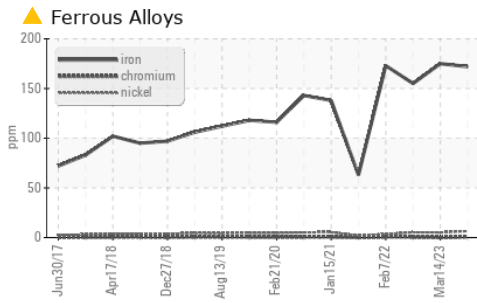
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>20	<b>14</b>	14	11
Potassium	ppm	ASTM D5185m	>20	<b>3</b>	0	0
Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	<b>NEG</b>	NEG	NEG

### FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		<b>9</b>	9	8
Boron	ppm	ASTM D5185m		<b>43</b>	47	45
Barium	ppm	ASTM D5185m		<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m		<b>12</b>	12	11
Manganese	ppm	ASTM D5185m		<b>60</b>	60	56
Magnesium	ppm	ASTM D5185m		<b>4</b>	3	0
Calcium	ppm	ASTM D5185m		<b>133</b>	104	107
Phosphorus	ppm	ASTM D5185m		<b>174</b>	157	137
Zinc	ppm	ASTM D5185m		<b>15</b>	0	0
Sulfur	ppm	ASTM D5185m		<b>1239</b>	815	1002
Visc @ 40°C	cSt	ASTM D445		<b>25.3</b>	25.5	25.6



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : ARI0006739  
**Lab Number** : 05914963  
**Unique Number** : 10586877  
**Test Package** : CONST

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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)