CONST

WEAR CHECK

OIL ANALYSIS REPORT

WEAR	ABNORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
5C07
Machine Id
FORD F-550 TVK9890 (S/N 1FDUF5GT9GEC24616)
Component
Transmission (Auto)
Fluid
DEXRON III (16 QTS)

RECOMMENDATION

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

WEAR

The iron level is abnormal. The aluminum level is abnormal.

CONTAMINATION

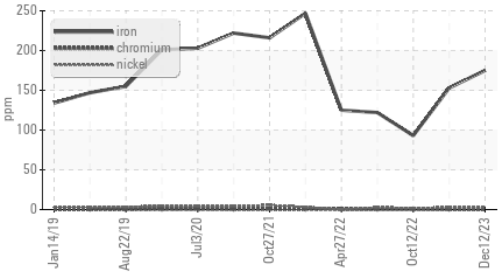
There is no indication of any contamination in the fluid.

FLUID CONDITION

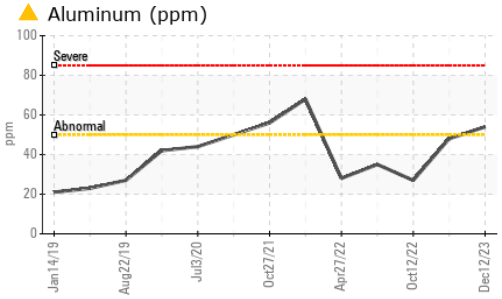
The condition of the fluid is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		**ARI0006708**	ARI0006723	ARI0005643
Sample Date		Client Info		**12 Dec 2023**	25 Sep 2023	12 Oct 2022
Machine Age	mls	Client Info		**84603**	82402	67781
Oil Age	mls	Client Info		**0**	0	10423
Filter Age	mls	Client Info		**0**	0	10423
Oil Changed		Client Info		**Not Changd**	Not Changd	Not Changd
Filter Changed		Client Info		**Not Changd**	Not Changd	Not Changd
Sample Status				**ABNORMAL**	NORMAL	NORMAL
Iron	ppm	ASTM D5185m	>160	▲ **175**	153	93
Chromium	ppm	ASTM D5185m	>5	**<1**	<1	<1
Nickel	ppm	ASTM D5185m	>5	**2**	2	2
Titanium	ppm	ASTM D5185m		**0**	0	0
Silver	ppm	ASTM D5185m	>5	**0**	0	0
Aluminum	ppm	ASTM D5185m	>50	▲ **54**	48	27
Lead	ppm	ASTM D5185m	>50	**<1**	0	1
Copper	ppm	ASTM D5185m	>225	**31**	28	18
Tin	ppm	ASTM D5185m	>10	**<1**	1	<1
Vanadium	ppm	ASTM D5185m		**0**	0	<1
White Metal	scalar	*Visual	NONE	**NONE**	NONE	MODER
Yellow Metal	scalar	*Visual	NONE	**NONE**	NONE	NONE
Silicon	ppm	ASTM D5185m	>20	**11**	10	8
Potassium	ppm	ASTM D5185m	>20	**2**	0	2
Water		WC Method	>0.1	**NEG**	NEG	NEG
Silt	scalar	*Visual	NONE	**NONE**	NONE	NONE
Debris	scalar	*Visual	NONE	**LIGHT**	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		**3**	5	6
Boron	ppm	ASTM D5185m		**96**	71	63
Barium	ppm	ASTM D5185m		**0**	2	0
Molybdenum	ppm	ASTM D5185m		**5**	4	5
Manganese	ppm	ASTM D5185m		**24**	22	16
Magnesium	ppm	ASTM D5185m		**0**	2	2
Calcium	ppm	ASTM D5185m		**120**	118	75
Phosphorus	ppm	ASTM D5185m		**238**	165	182
Zinc	ppm	ASTM D5185m		**0**	2	0
Sulfur	ppm	ASTM D5185m		**1313**	1110	808
Visc @ 40°C	cSt	ASTM D445	35.0	**25.9**	26.3	26.7

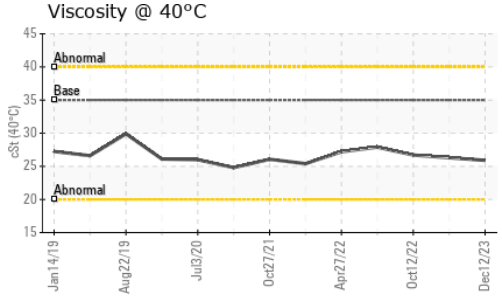
Ferrous Alloys



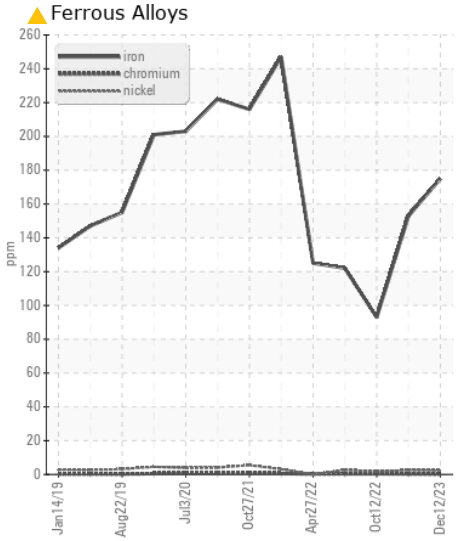
Aluminum (ppm)



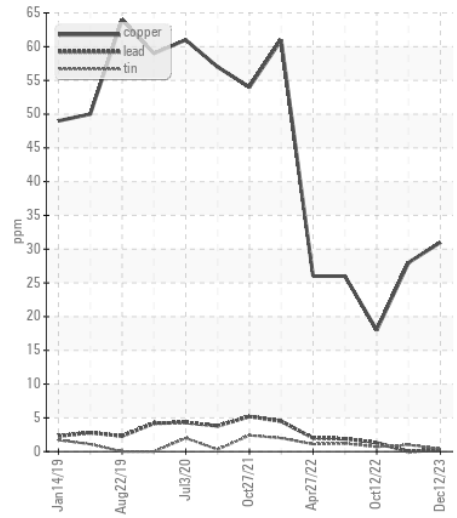
Viscosity @ 40°C



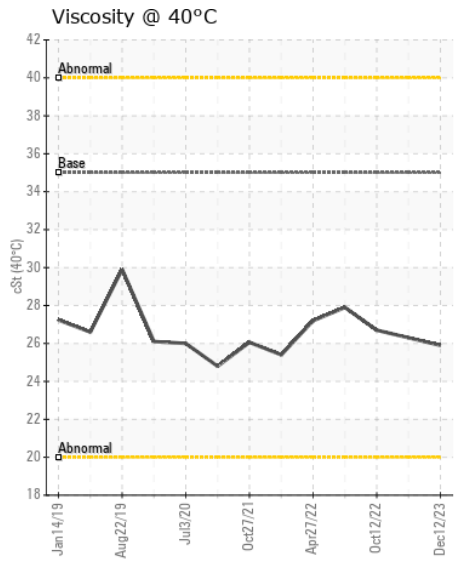
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Certificate L2367

Laboratory	: WearCheck USA - 501 Madison Ave., Cary, NC 27513		
Sample No.	: ARI0006708	**Recieved**	: 10 Jan 2024
Lab Number	: 06057055	**Diagnosed**	: 11 Jan 2024
Unique Number	: 10823004	**Diagnostician**	: Sean Felton
Test Package	: CONST		

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)

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