



WEAR CHECK

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
FORD F650 TVK5435 - 166983

Component
Transmission (Manual)

Fluid
{not provided} (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

There is no indication of any contamination in the oil.

FLUID CONDITION

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

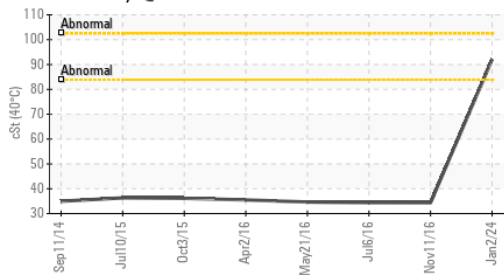
Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		ARI0007212	ARI003881	ARI003825
Sample Date		Client Info		02 Jan 2024	11 Nov 2016	06 Jul 2016
Machine Age	hrs	Client Info		1351	127042	125177
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Chngd	N/A	N/A
Filter Changed		Client Info		Not Chngd	N/A	N/A
Sample Status				NORMAL	SEVERE	NORMAL

Iron	ppm	ASTM D5185m	>280	80	66	61
Chromium	ppm	ASTM D5185m	>3	1	<1	<1
Nickel	ppm	ASTM D5185m	>4	1	0	<1
Titanium	ppm	ASTM D5185m	>3	<1	<1	0
Silver	ppm	ASTM D5185m	>24	0	0	0
Aluminum	ppm	ASTM D5185m	>50	22	11	10
Lead	ppm	ASTM D5185m	>75	<1	17	18
Copper	ppm	ASTM D5185m	>305	45	6	6
Tin	ppm	ASTM D5185m	>8	1	0	1
Vanadium	ppm	ASTM D5185m		0	<1	0
White Metal	scalar	*Visual	NONE	NONE	HEAVY	LIGHT
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

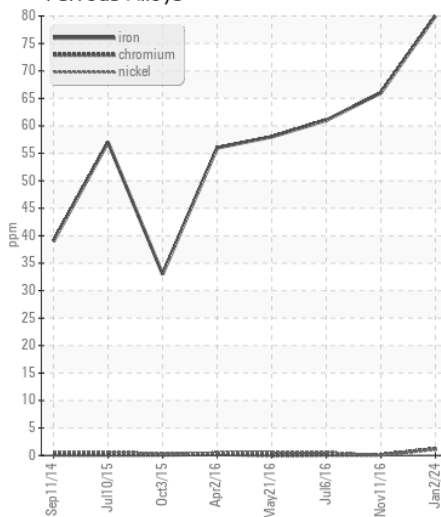
Silicon	ppm	ASTM D5185m	>20	9	10	11
Potassium	ppm	ASTM D5185m	>20	3	4	3
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	LIGHT
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	NEG

Sodium	ppm	ASTM D5185m		6	25	23
Boron	ppm	ASTM D5185m		262	115	101
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		3	<1	2
Manganese	ppm	ASTM D5185m		13	1	1
Magnesium	ppm	ASTM D5185m		2	4	5
Calcium	ppm	ASTM D5185m		81	88	86
Phosphorus	ppm	ASTM D5185m		1131	304	303
Zinc	ppm	ASTM D5185m		1	43	43
Sulfur	ppm	ASTM D5185m		652	537	366
Visc @ 40°C	cSt	ASTM D445		92.0	34.34	34.4

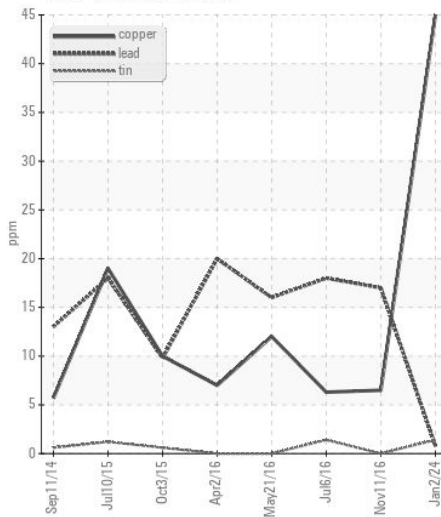
Viscosity @ 40°C



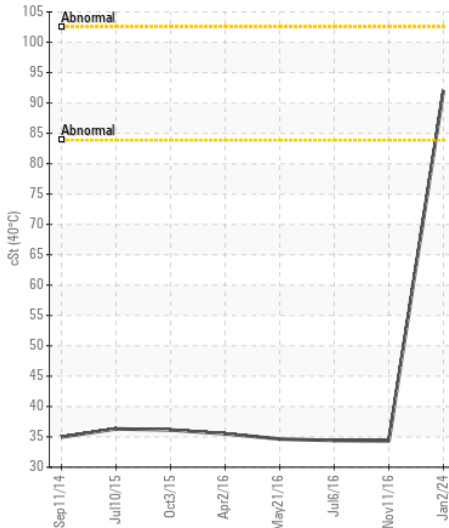
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : ARI0007212 **Received** : 08 Jan 2024
Lab Number : 06054412 **Diagnosed** : 10 Jan 2024
Unique Number : 10820361 **Diagnostician** : Jonathan Hester
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)