MileGuard

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
FORD F350 GEC#1094
Component
Gasoline Engine
Fluid
MOBIL DELVAC 1300 SUPER 10W30 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

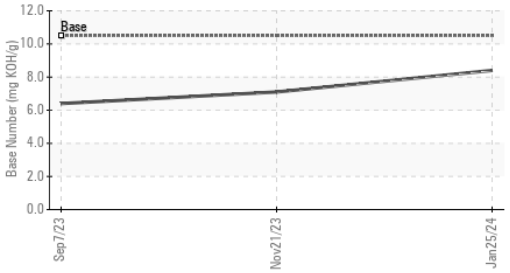
There is no indication of any contamination in the oil.

FLUID CONDITION

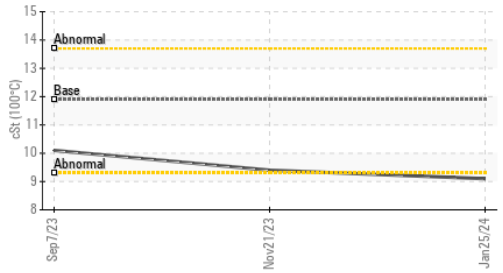
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		TLY0002241	TLY0002001	TLY0001680
Sample Date		Client Info		25 Jan 2024	21 Nov 2023	07 Sep 2023
Machine Age	mls	Client Info		21450	15098	7199
Oil Age	mls	Client Info		15098	15098	0
Filter Age	mls	Client Info		15098	15098	0
Oil Changed		Client Info		Changed	Changed	N/A
Filter Changed		Client Info		Changed	Changed	N/A
Sample Status				NORMAL	ATTENTION	ATTENTION
Iron	ppm	ASTM D5185m	>150	21	40	79
Chromium	ppm	ASTM D5185m	>20	2	4	6
Nickel	ppm	ASTM D5185m	>5	0	<1	<1
Titanium	ppm	ASTM D5185m		<1	<1	<1
Silver	ppm	ASTM D5185m	>2	0	2	10
Aluminum	ppm	ASTM D5185m	>40	2	2	7
Lead	ppm	ASTM D5185m	>50	0	<1	1
Copper	ppm	ASTM D5185m	>155	2	11	45
Tin	ppm	ASTM D5185m	>10	0	<1	1
Vanadium	ppm	ASTM D5185m		0	0	<1
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>30	9	11	32
Potassium	ppm	ASTM D5185m	>20	0	3	8
Fuel	%	ASTM D3524	>4.0	<1.0	<1.0	0.6
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
Soot %	%	*ASTM D7844		0.4	0.5	0.4
Nitration	Abs/cm	*ASTM D7624	>20	9.6	10.6	12.2
Sulfation	Abs/.1mm	*ASTM D7415	>30	20.9	22.3	25.3
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	>0.2	NEG	NEG	NEG
Sodium	ppm	ASTM D5185m	>400	2	2	15
Boron	ppm	ASTM D5185m		19	29	31
Barium	ppm	ASTM D5185m		0	1	<1
Molybdenum	ppm	ASTM D5185m		42	38	2
Manganese	ppm	ASTM D5185m		<1	3	6
Magnesium	ppm	ASTM D5185m		587	459	692
Calcium	ppm	ASTM D5185m		1219	1308	1262
Phosphorus	ppm	ASTM D5185m		751	687	951
Zinc	ppm	ASTM D5185m		871	822	1110
Sulfur	ppm	ASTM D5185m		2320	2830	3285
Oxidation	Abs/.1mm	*ASTM D7414	>25	19.7	21.9	21.8
Base Number (BN)	mg KOH/g	ASTM D2896	10.5	8.4	7.1	6.4
Visc @ 100°C	cSt	ASTM D445	11.9	9.1	▲ 9.4	▲ 10.1

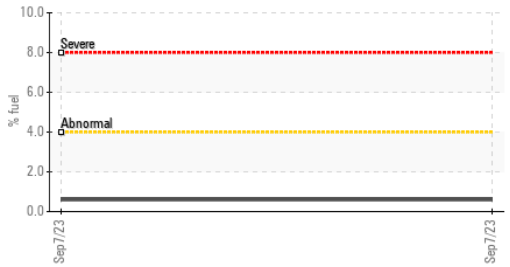
Base Number



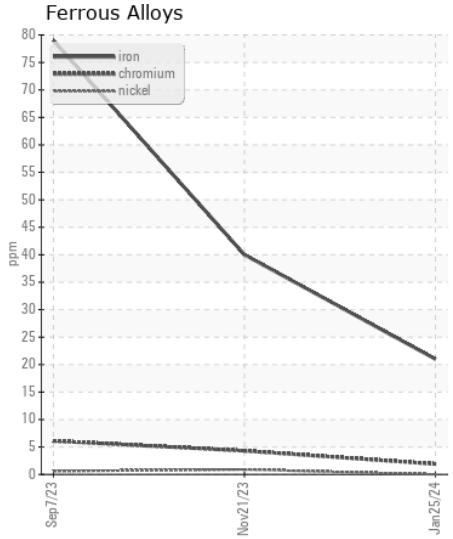
Viscosity @ 100°C



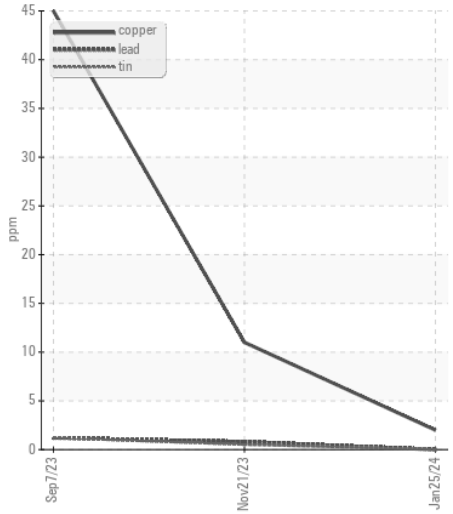
Fuel Dilution



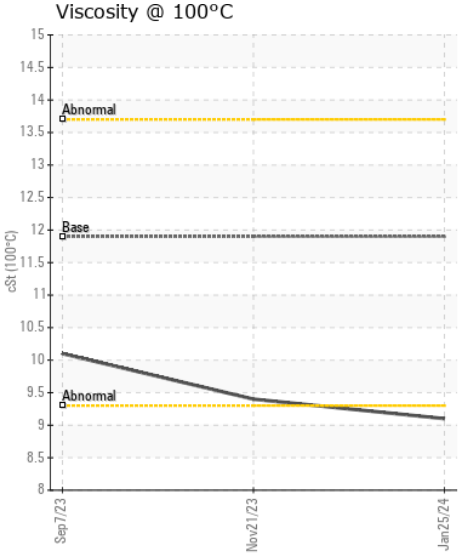
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 100°C



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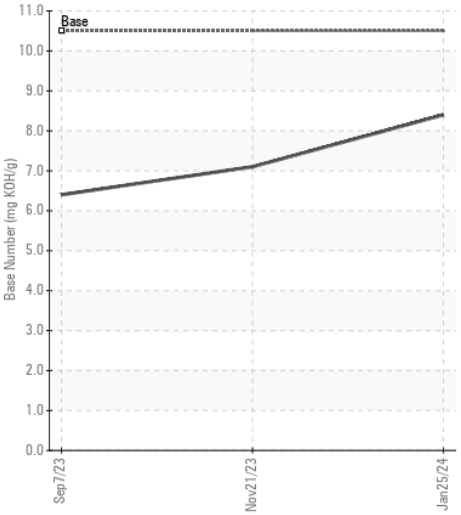

Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : TLY0002241 **Recieved** : 30 Jan 2024
Lab Number : 06073553 **Diagnosed** : 30 Jan 2024
Unique Number : 10850230 **Diagnostician** : Jonathan Hester
Test Package : CONST (Additional Tests: FuelDilution, TBN)

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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