



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	ATTENTION

Machine Id
947
 Component
Transmission (Auto)
 Fluid
DIESEL ENGINE OIL SAE 10W30 (--- GAL)

RECOMMENDATION

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

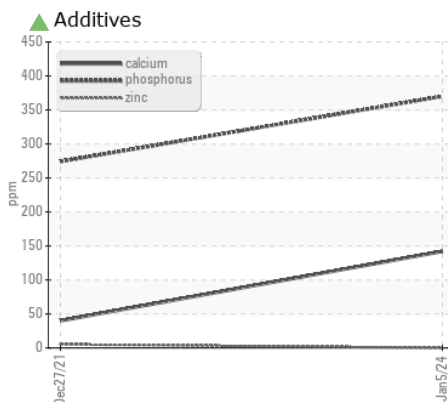
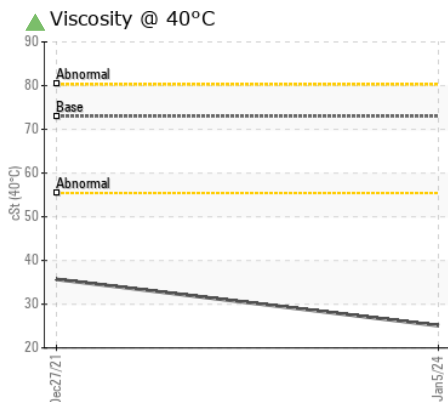
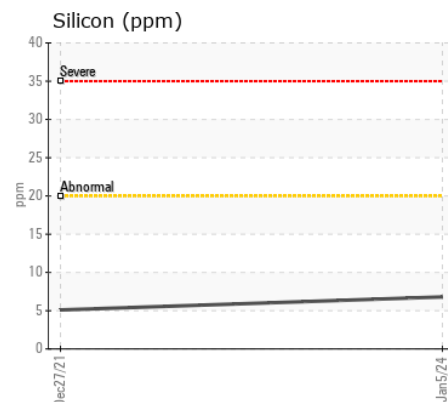
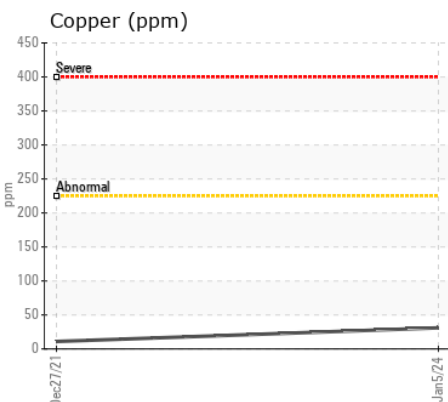
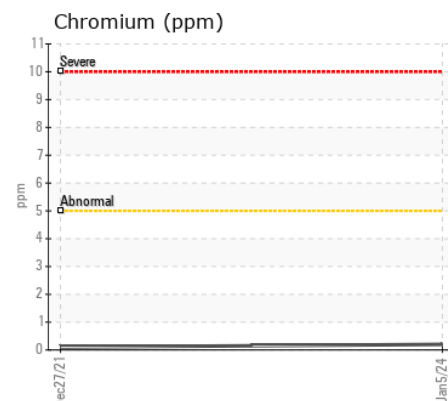
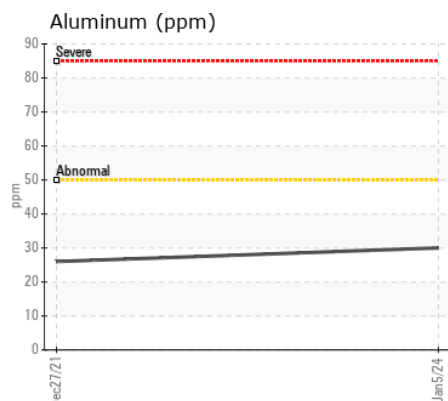
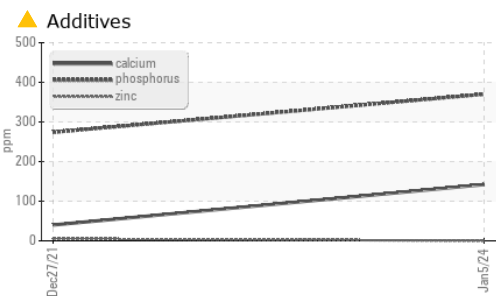
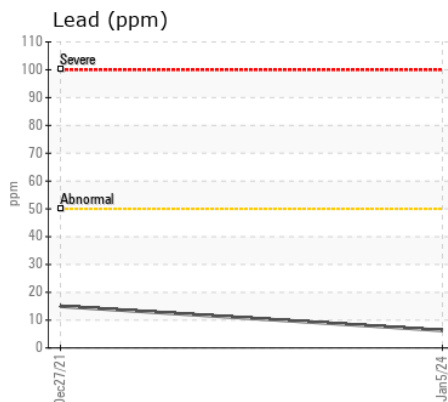
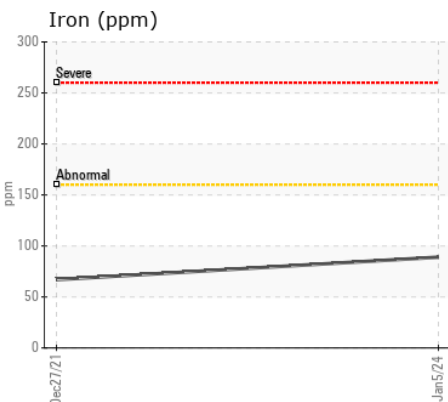
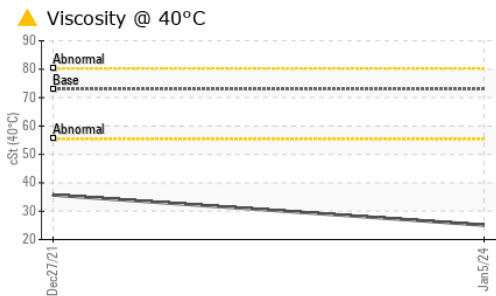
CONTAMINATION

There is no indication of any contamination in the fluid.

FLUID CONDITION

The fluid viscosity is lower than normal. Additive levels indicate the addition of a different brand, or type of fluid. Confirm oil type.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		DC0032876	DC0017340	---
Sample Date		Client Info		05 Jan 2024	27 Dec 2021	---
Machine Age	mls	Client Info		116942	80684	---
Oil Age	mls	Client Info		0	0	---
Filter Age	mls	Client Info		0	0	---
Oil Changed		Client Info		Changed	N/A	---
Filter Changed		Client Info		Changed	N/A	---
Sample Status				ATTENTION	ABNORMAL	---
<hr/>						
Iron	ppm	ASTM D5185m	>160	89	67	---
Chromium	ppm	ASTM D5185m	>5	<1	<1	---
Nickel	ppm	ASTM D5185m	>5	0	0	---
Titanium	ppm	ASTM D5185m		0	0	---
Silver	ppm	ASTM D5185m	>5	0	0	---
Aluminum	ppm	ASTM D5185m	>50	30	26	---
Lead	ppm	ASTM D5185m	>50	6	15	---
Copper	ppm	ASTM D5185m	>225	31	11	---
Tin	ppm	ASTM D5185m	>10	1	<1	---
Vanadium	ppm	ASTM D5185m		0	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---
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Silicon	ppm	ASTM D5185m	>20	7	5	---
Potassium	ppm	ASTM D5185m	>20	2	0	---
Water		WC Method	>0.1	NEG	NEG	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	▲ MODER	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	---
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Sodium	ppm	ASTM D5185m		3	3	---
Boron	ppm	ASTM D5185m	250	151	120	---
Barium	ppm	ASTM D5185m	10	0	0	---
Molybdenum	ppm	ASTM D5185m	100	0	<1	---
Manganese	ppm	ASTM D5185m		0	1	---
Magnesium	ppm	ASTM D5185m	450	▲ 4	0	---
Calcium	ppm	ASTM D5185m	3000	▲ 142	40	---
Phosphorus	ppm	ASTM D5185m	1150	▲ 370	274	---
Zinc	ppm	ASTM D5185m	1350	▲ 0	5	---
Sulfur	ppm	ASTM D5185m	4250	2061	723	---
Visc @ 40°C	cSt	ASTM D445	73	▲ 25.1	35.7	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : DC0032876 **Received** : 10 Jan 2024
Lab Number : 06057045 **Diagnosed** : 11 Jan 2024
Unique Number : 10822994 **Diagnostician** : Sean Felton
Test Package : MOB 1

FRANCIS O DAY
 14900 SOUTHLAWN LN
 ROCKVILLE, MD
 US 20850
 Contact: JAMIE FORESTER

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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F: