



VOLVO

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area
CAVANUGH [392655]
Machine Id
VOLVO L60F 61572
Component
Transmission (Manual)
Fluid
{not provided} (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is SAE 15W40 Transmission/Drive Train Oil. Please confirm the fluid type and grade, and specify the brand of the fluid on your next sample.

WEAR

The wear metal levels do not reflect the reported failure.

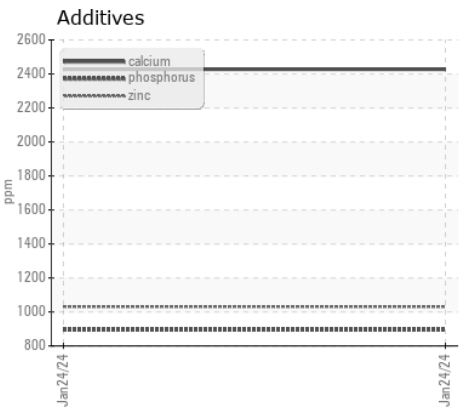
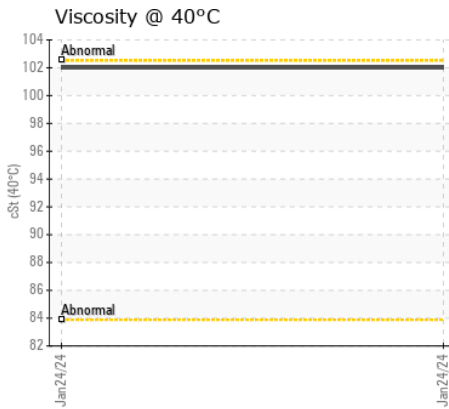
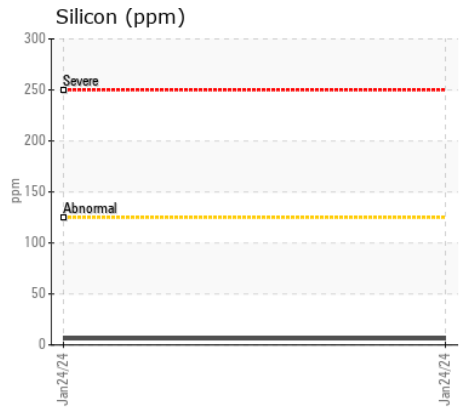
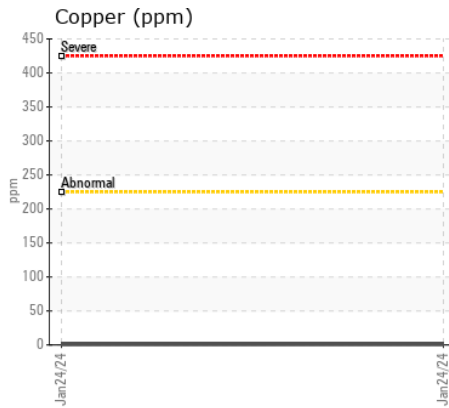
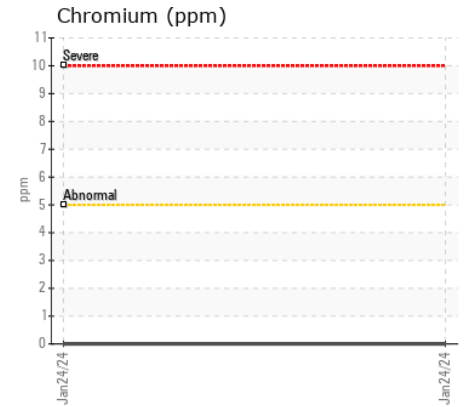
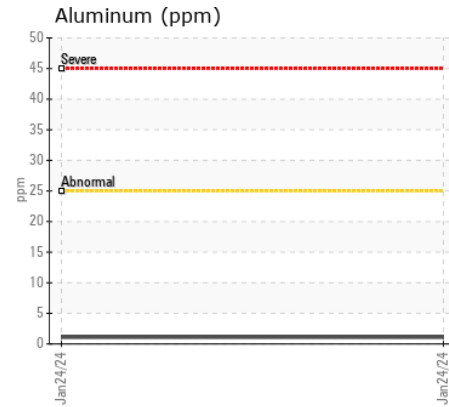
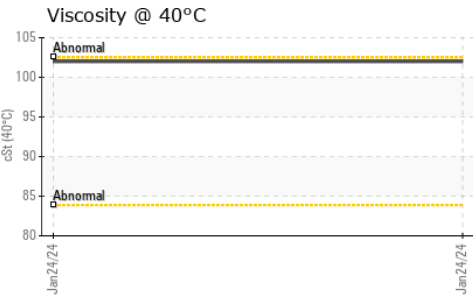
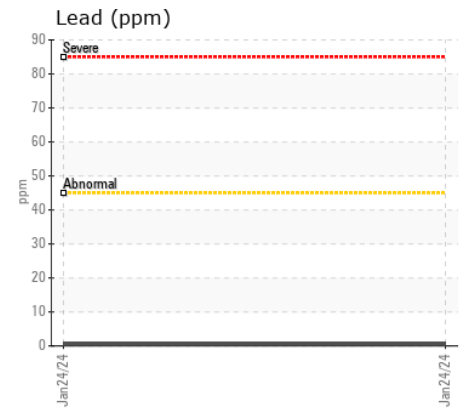
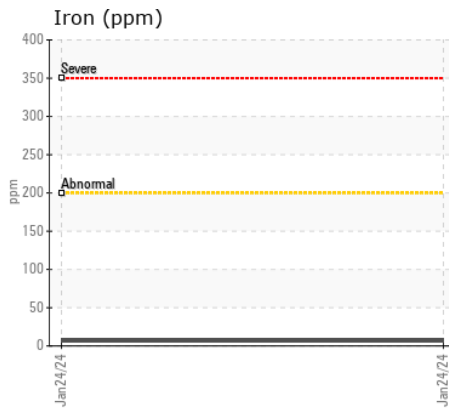
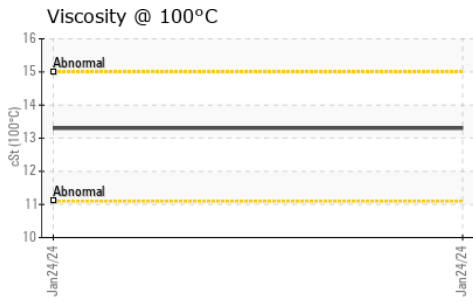
CONTAMINATION

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		VCP429756	---	---
Sample Date		Client Info		24 Jan 2024	---	---
Machine Age	hrs	Client Info		18542	---	---
Oil Age	hrs	Client Info		0	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		Not Chngd	---	---
Filter Changed		Client Info		Not Chngd	---	---
Sample Status				NORMAL	---	---
Iron	ppm	ASTM D5185(m)	>200	7	---	---
Chromium	ppm	ASTM D5185(m)	>5	0	---	---
Nickel	ppm	ASTM D5185(m)	>5	<1	---	---
Titanium	ppm	ASTM D5185(m)		1	---	---
Silver	ppm	ASTM D5185(m)	>7	0	---	---
Aluminum	ppm	ASTM D5185(m)	>25	1	---	---
Lead	ppm	ASTM D5185(m)	>45	<1	---	---
Copper	ppm	ASTM D5185(m)	>225	<1	---	---
Tin	ppm	ASTM D5185(m)	>10	0	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
White Metal	scalar	Visual*	NONE	NONE	---	---
Yellow Metal	scalar	Visual*	NONE	NONE	---	---
Silicon	ppm	ASTM D5185(m)	>125	6	---	---
Potassium	ppm	ASTM D5185(m)	>20	1	---	---
Water		WC Method	>0.1	NEG	---	---
Silt	scalar	Visual*	NONE	NONE	---	---
Debris	scalar	Visual*	NONE	NONE	---	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---	---
Appearance	scalar	Visual*	NORML	NORML	---	---
Odor	scalar	Visual*	NORML	NORML	---	---
Emulsified Water	scalar	Visual*	>0.1	NEG	---	---
Sodium	ppm	ASTM D5185(m)		<1	---	---
Boron	ppm	ASTM D5185(m)		5	---	---
Barium	ppm	ASTM D5185(m)		0	---	---
Molybdenum	ppm	ASTM D5185(m)		<1	---	---
Manganese	ppm	ASTM D5185(m)		0	---	---
Magnesium	ppm	ASTM D5185(m)		14	---	---
Calcium	ppm	ASTM D5185(m)		2427	---	---
Phosphorus	ppm	ASTM D5185(m)		895	---	---
Zinc	ppm	ASTM D5185(m)		1031	---	---
Sulfur	ppm	ASTM D5185(m)		3199	---	---
Visc @ 40°C	cSt	ASTM D7279(m)		102	---	---
Visc @ 100°C	cSt	ASTM D7279(m)		13.3	---	---
Viscosity Index (VI)	Scale	ASTM D2270*		128	---	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : VCP429756 **Received** : 27 Feb 2024
Lab Number : 02618421 **Tested** : 27 Feb 2024
Unique Number : 5735531 **Diagnosed** : 28 Feb 2024 - Kevin Marson
Test Package : MOB 1 (Additional Tests: KV100, VI)

STRONGCO EQUIPMENT
 54 IBER ROAD
 OTTAWA, ON
 CA K2S 1E8
 Contact: Andrew Mclean
 amclean@strongco.com
 T: (613)836-6633
 F: (613)836-2614

To discuss this sample report, contact Customer Service at 1-800-268-2131.
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
 Validity of results and interpretation are based on the sample and information as supplied.