



VOLVO

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area

[X76237-01]

Machine Id

VOLVO L110H VCEL110HTOS631646

Component

Rear Transmission (Auto)

Fluid

VOLVO EXTRA AUTOMATIC FLUID (--- GAL)



RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		VCP430091	---	---
Sample Date		Client Info		03 May 2024	---	---
Machine Age	hrs	Client Info		11322	---	---
Oil Age	hrs	Client Info		575	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		Not Changd	---	---
Filter Changed		Client Info		N/A	---	---
Sample Status				NORMAL	---	---

WEAR

We have assumed that the fluid was taken hot, according to the sampling instructions. The wear metal levels do not reflect the reported failure.

Iron	ppm	ASTM D5185(m)	>160	31	---	---
Chromium	ppm	ASTM D5185(m)	>5	0	---	---
Nickel	ppm	ASTM D5185(m)	>5	<1	---	---
Titanium	ppm	ASTM D5185(m)		0	---	---
Silver	ppm	ASTM D5185(m)	>5	0	---	---
Aluminum	ppm	ASTM D5185(m)	>50	2	---	---
Lead	ppm	ASTM D5185(m)	>50	0	---	---
Copper	ppm	ASTM D5185(m)	>225	4	---	---
Tin	ppm	ASTM D5185(m)	>10	0	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
White Metal	scalar	Visual*	NONE	VLITE	---	---
Yellow Metal	scalar	Visual*	NONE	NONE	---	---

CONTAMINATION

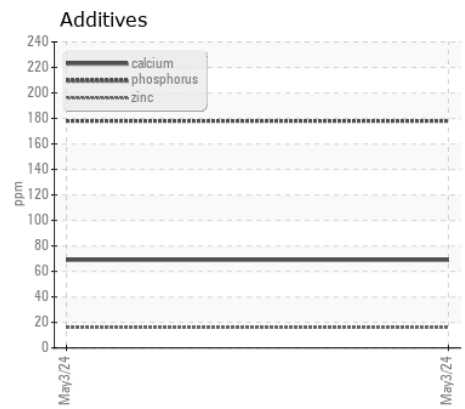
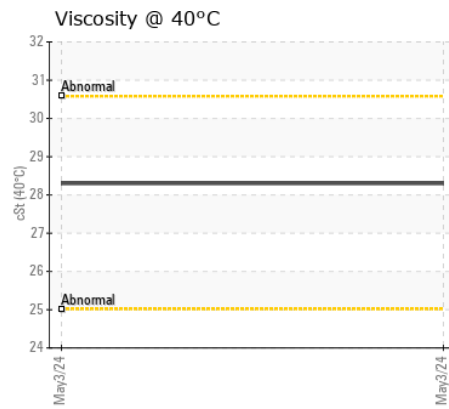
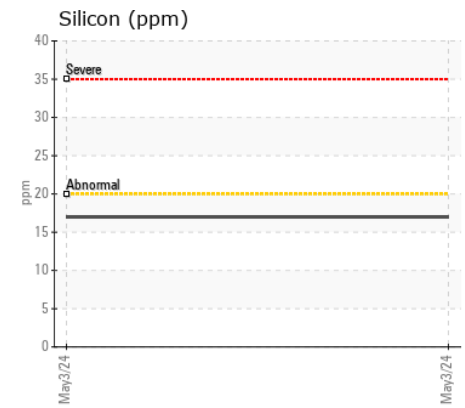
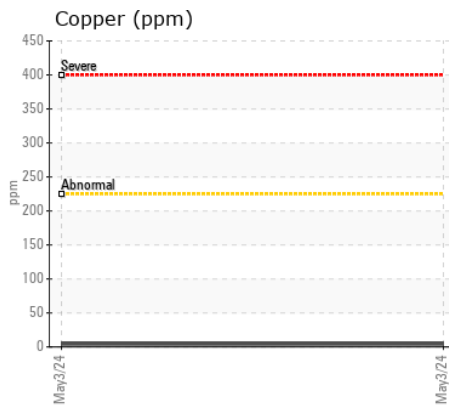
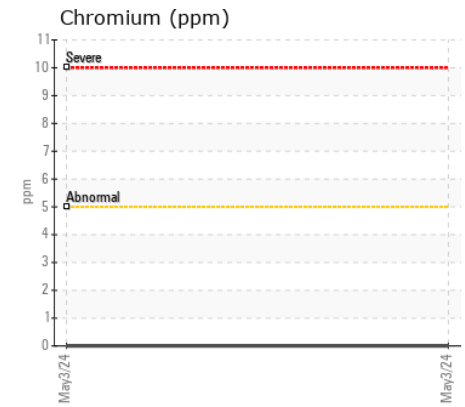
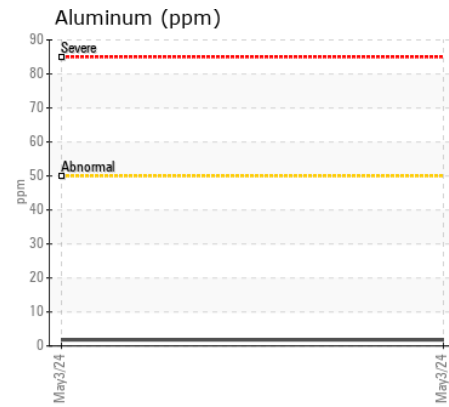
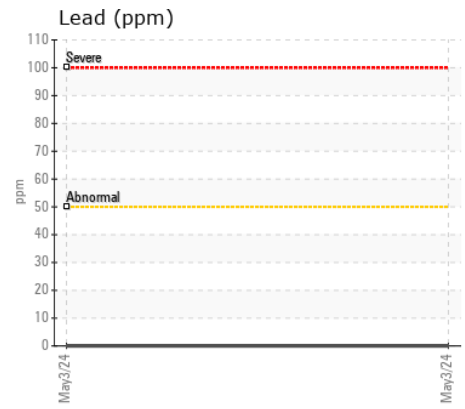
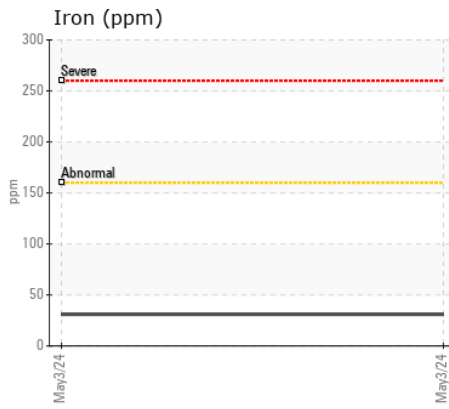
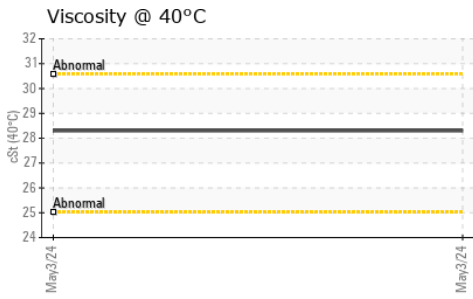
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185(m)	>20	17	---	---
Potassium	ppm	ASTM D5185(m)	>20	1	---	---
Water		WC Method	>0.1	NEG	---	---
Silt	scalar	Visual*	NONE	NONE	---	---
Debris	scalar	Visual*	NONE	VLITE	---	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---	---
Appearance	scalar	Visual*	NORML	NORML	---	---
Odor	scalar	Visual*	NORML	NORML	---	---
Emulsified Water	scalar	Visual*	>0.1	NEG	---	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185(m)		3	---	---
Boron	ppm	ASTM D5185(m)		68	---	---
Barium	ppm	ASTM D5185(m)		3	---	---
Molybdenum	ppm	ASTM D5185(m)		0	---	---
Manganese	ppm	ASTM D5185(m)		3	---	---
Magnesium	ppm	ASTM D5185(m)		2	---	---
Calcium	ppm	ASTM D5185(m)		69	---	---
Phosphorus	ppm	ASTM D5185(m)		178	---	---
Zinc	ppm	ASTM D5185(m)		16	---	---
Sulfur	ppm	ASTM D5185(m)		1339	---	---
Visc @ 40°C	cSt	ASTM D7279(m)		28.3	---	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : VCP430091 **Received** : 07 May 2024
Lab Number : 02633908 **Tested** : 09 May 2024
Unique Number : 5775061 **Diagnosed** : 09 May 2024 - Kevin Marson
Test Package : MOB 1 (Additional Tests: BottomAnalysis, FILTERPATCH)

REDHEAD EQUIPMENT LTD.
 HIGHWAY 16 NORTH BOX 9191
 SASKATOON, SK
 CA S7K 7E8
 Contact: Mike Derenoski
 mike.derenoski@redheadequipment.ca
 T: (306)651-5726
 F: (306)934-4490

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.