



VOLVO

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area
CBM [396603]
Machine Id
VOLVO A40G 353347
Component
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		VCP392875	VCP394841	---
Sample Date		Client Info		02 Mar 2024	11 Aug 2023	---
Machine Age	hrs	Client Info		2000	1014	---
Oil Age	hrs	Client Info		2000	1000	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Changed	Not Changd	---
Filter Changed		Client Info		Changed	Changed	---
Sample Status				NORMAL	NORMAL	---

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>160	43	32	---
Chromium	ppm	ASTM D5185(m)	>5	<1	<1	---
Nickel	ppm	ASTM D5185(m)	>5	3	2	---
Titanium	ppm	ASTM D5185(m)		0	0	---
Silver	ppm	ASTM D5185(m)	>5	0	0	---
Aluminum	ppm	ASTM D5185(m)	>50	24	16	---
Lead	ppm	ASTM D5185(m)	>50	<1	<1	---
Copper	ppm	ASTM D5185(m)	>225	25	19	---
Tin	ppm	ASTM D5185(m)	>10	4	3	---
Vanadium	ppm	ASTM D5185(m)		0	0	---
White Metal	scalar	Visual*	NONE	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	---

CONTAMINATION

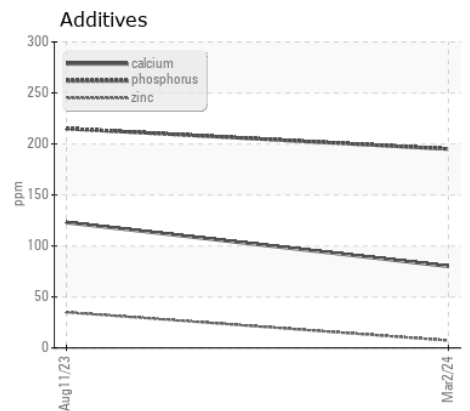
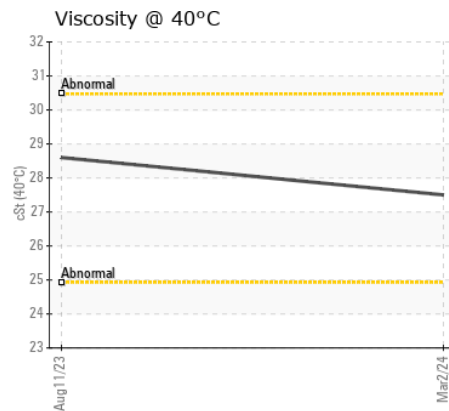
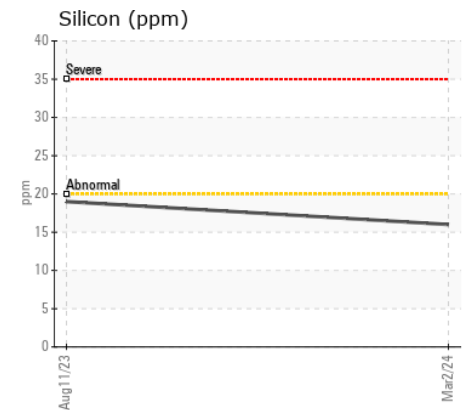
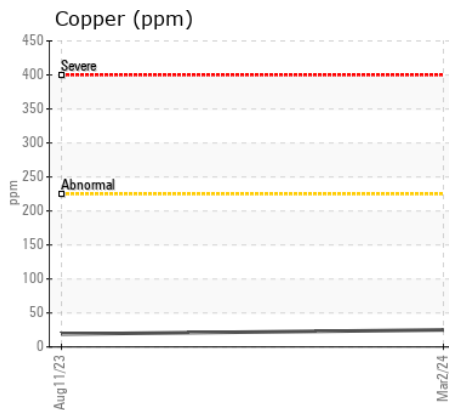
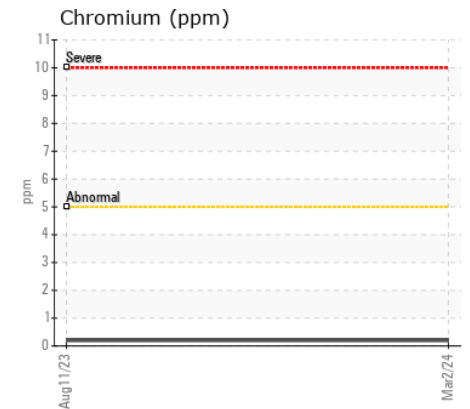
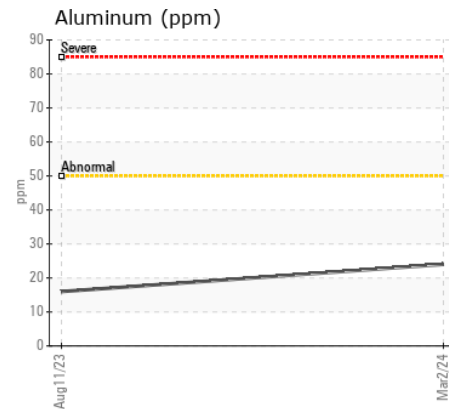
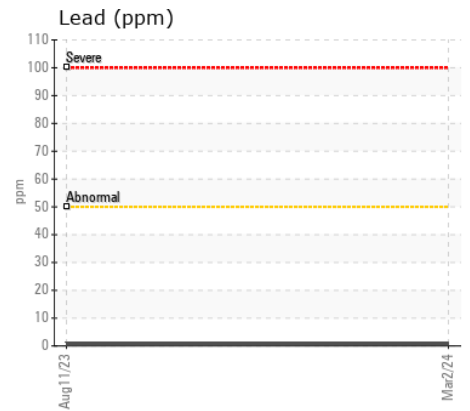
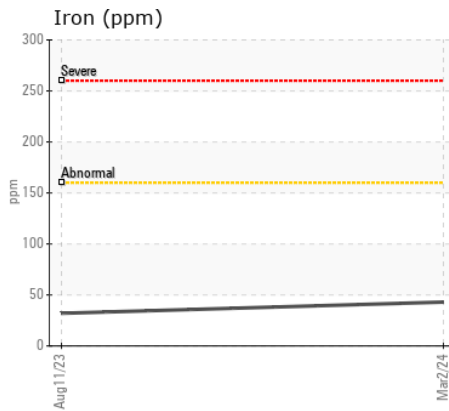
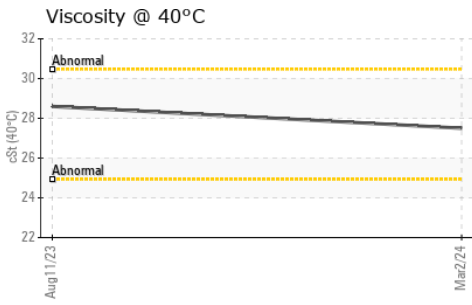
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185(m)	>20	16	19	---
Potassium	ppm	ASTM D5185(m)	>20	3	3	---
Water		WC Method	>0.1	NEG	NEG	---
Silt	scalar	Visual*	NONE	NONE	NONE	---
Debris	scalar	Visual*	NONE	NONE	VLITE	---
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	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185(m)		5	4	---
Boron	ppm	ASTM D5185(m)		72	71	---
Barium	ppm	ASTM D5185(m)		0	<1	---
Molybdenum	ppm	ASTM D5185(m)		0	1	---
Manganese	ppm	ASTM D5185(m)		5	4	---
Magnesium	ppm	ASTM D5185(m)		2	17	---
Calcium	ppm	ASTM D5185(m)		80	123	---
Phosphorus	ppm	ASTM D5185(m)		195	215	---
Zinc	ppm	ASTM D5185(m)		7	35	---
Sulfur	ppm	ASTM D5185(m)		1730	1768	---
Visc @ 40°C	cSt	ASTM D7279(m)		27.5	28.6	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : VCP392875 **Received** : 06 Mar 2024
Lab Number : 02620232 **Tested** : 06 Mar 2024
Unique Number : 5737342 **Diagnosed** : 06 Mar 2024 - Wes Davis
Test Package : MOB 1

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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.