



VOLVO

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area
[400978]
 Machine Id
8812
 Component
Transmission (Auto)
 Fluid
VOLVO AT 102 (--- GAL)

RECOMMENDATION

Confirm the source of the lubricant being utilized for top-up/fill.
 Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

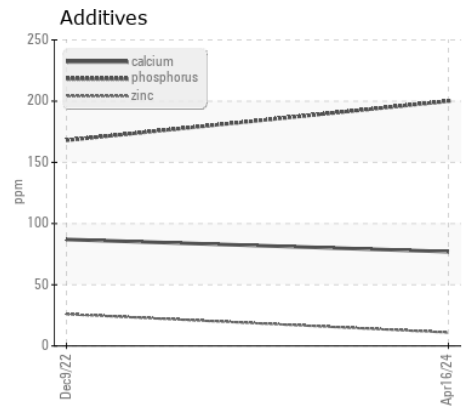
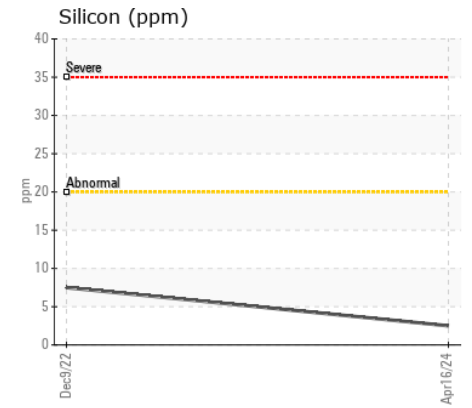
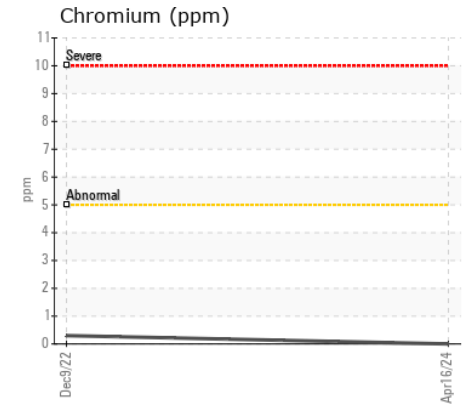
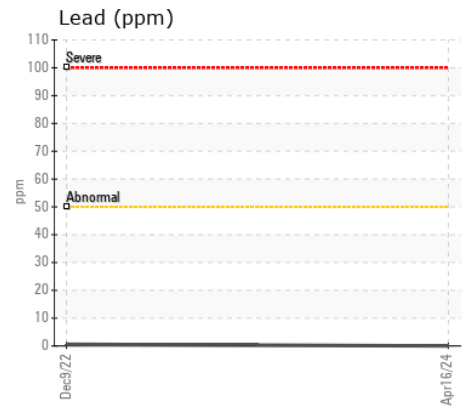
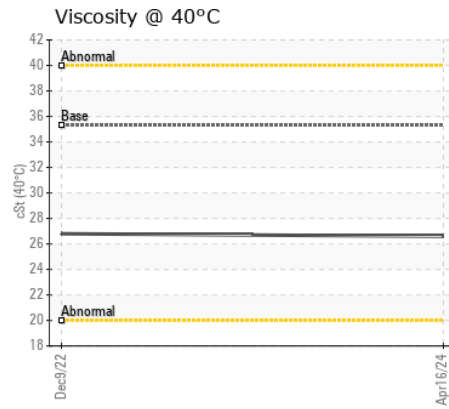
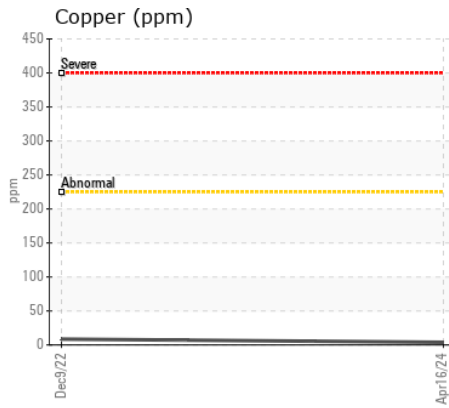
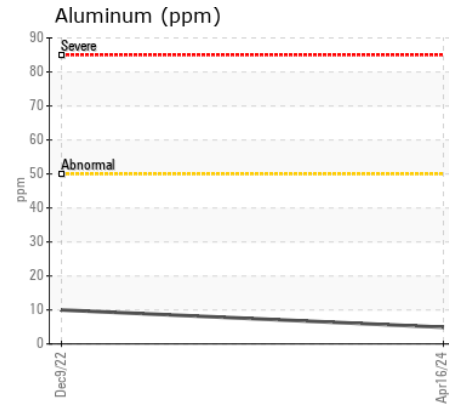
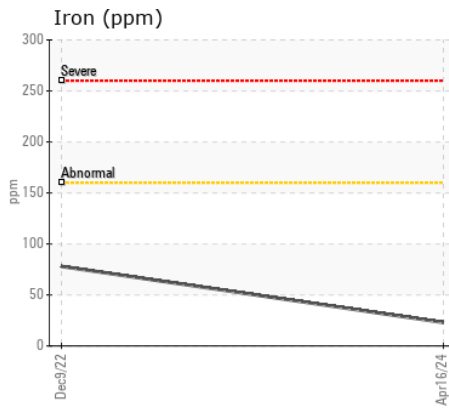
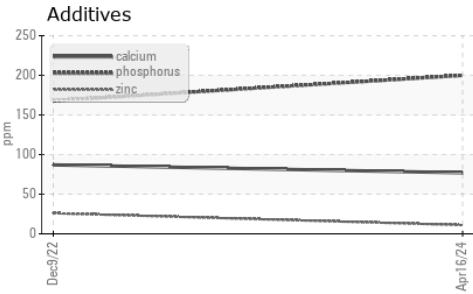
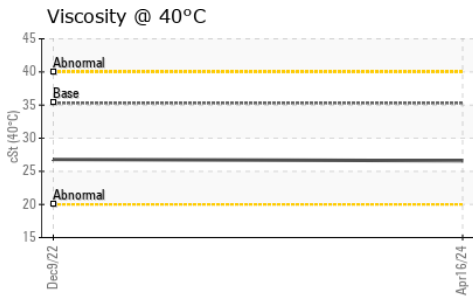
CONTAMINATION

There is no indication of any contamination in the fluid.

FLUID CONDITION

Additive levels indicate the addition of a different brand, or type of fluid.
 The condition of the fluid is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		VCP448159	VCP380545	---
Sample Date		Client Info		16 Apr 2024	09 Dec 2022	---
Machine Age	hrs	Client Info		6547	4111	---
Oil Age	hrs	Client Info		0	0	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Not Changed	Changed	---
Filter Changed		Client Info		Not Changed	Changed	---
Sample Status				NORMAL	NORMAL	---
Iron	ppm	ASTM D5185(m)	>160	23	78	---
Chromium	ppm	ASTM D5185(m)	>5	0	<1	---
Nickel	ppm	ASTM D5185(m)	>5	0	0	---
Titanium	ppm	ASTM D5185(m)		0	0	---
Silver	ppm	ASTM D5185(m)	>5	0	0	---
Aluminum	ppm	ASTM D5185(m)	>50	5	10	---
Lead	ppm	ASTM D5185(m)	>50	0	<1	---
Copper	ppm	ASTM D5185(m)	>225	4	9	---
Tin	ppm	ASTM D5185(m)	>10	0	<1	---
Vanadium	ppm	ASTM D5185(m)		0	0	---
White Metal	scalar	Visual*	NONE	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	---
Silicon	ppm	ASTM D5185(m)	>20	2	8	---
Potassium	ppm	ASTM D5185(m)	>20	<1	3	---
Water		WC Method	>0.1	NEG	NEG	---
Silt	scalar	Visual*	NONE	NONE	NONE	---
Debris	scalar	Visual*	NONE	NONE	NONE	---
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	---
Sodium	ppm	ASTM D5185(m)		2	9	---
Boron	ppm	ASTM D5185(m)	187	78	47	---
Barium	ppm	ASTM D5185(m)	0.0	<1	4	---
Molybdenum	ppm	ASTM D5185(m)	0.0	0	<1	---
Manganese	ppm	ASTM D5185(m)	0.0	1	6	---
Magnesium	ppm	ASTM D5185(m)	6.8	<1	2	---
Calcium	ppm	ASTM D5185(m)	215	77	87	---
Phosphorus	ppm	ASTM D5185(m)	445	200	168	---
Zinc	ppm	ASTM D5185(m)	56	11	26	---
Sulfur	ppm	ASTM D5185(m)	1336	1784	1582	---
Visc @ 40°C	cSt	ASTM D7279(m)	35.3	26.6	26.8	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : VCP448159 **Received** : 18 Apr 2024
Lab Number : 02629985 **Tested** : 18 Apr 2024
Unique Number : 5763117 **Diagnosed** : 18 Apr 2024 - Wes Davis
Test Package : MOB 1

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 Contact: Dan Brown
 dan.brown@ca.crh.com

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.

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F: