



VOLVO

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area
[587695]
 Machine Id
VOLVO L70H 623953
 Component
Rear Axle
 Fluid
VOLVO WB 102 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		VCP439542	VCP357844	---
Sample Date		Client Info		18 Jun 2024	27 Apr 2022	---
Machine Age	hrs	Client Info		7398	2062	---
Oil Age	hrs	Client Info		0	0	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Changed	Changed	---
Filter Changed		Client Info		Not Changed	Not Changed	---
Sample Status				NORMAL	NORMAL	---

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>500	277	244	---
Chromium	ppm	ASTM D5185m	>20	4	7	---
Nickel	ppm	ASTM D5185m	>10	2	3	---
Titanium	ppm	ASTM D5185m		<1	<1	---
Silver	ppm	ASTM D5185m		0	<1	---
Aluminum	ppm	ASTM D5185m	>30	2	3	---
Lead	ppm	ASTM D5185m	>50	2	1	---
Copper	ppm	ASTM D5185m	>120	107	25	---
Tin	ppm	ASTM D5185m	>20	12	3	---
Vanadium	ppm	ASTM D5185m		<1	<1	---
White Metal	scalar	*Visual	NONE	NONE	LIGHT	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

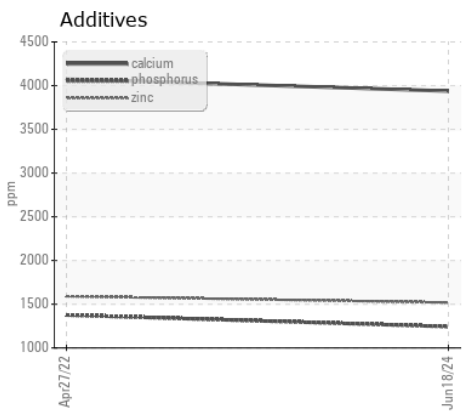
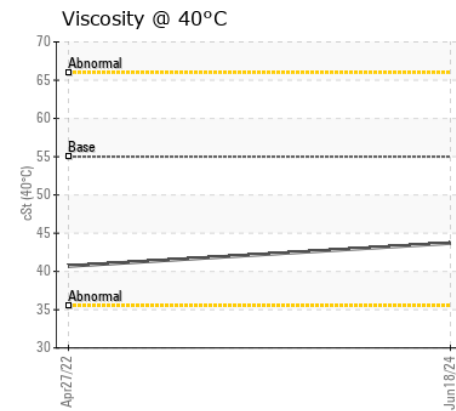
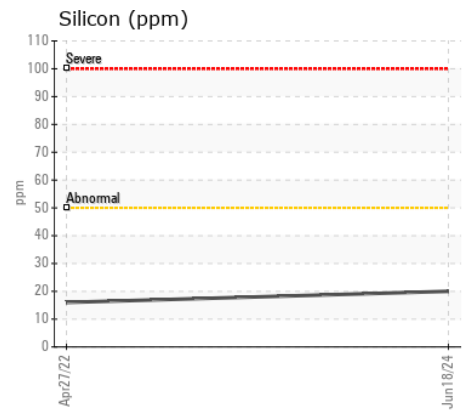
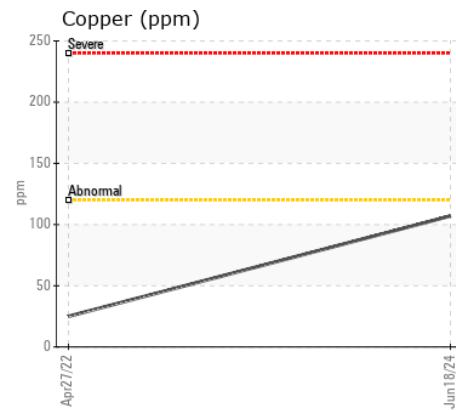
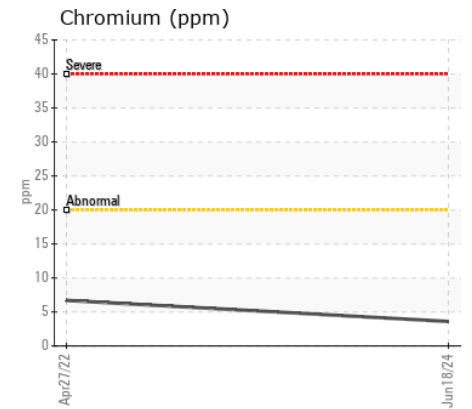
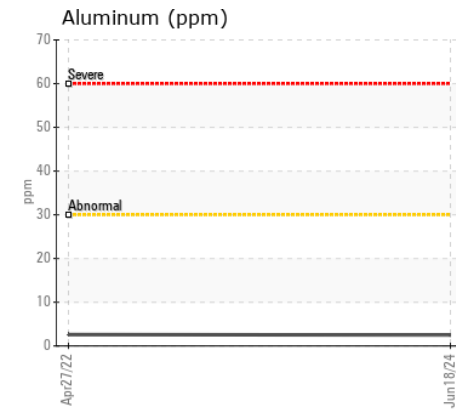
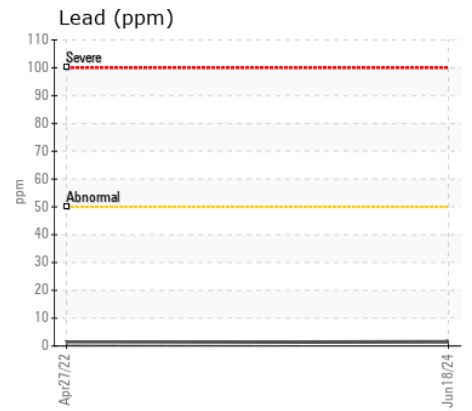
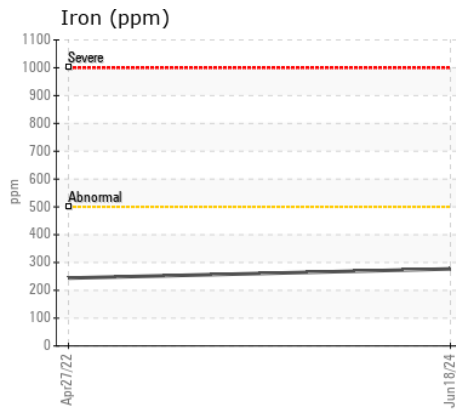
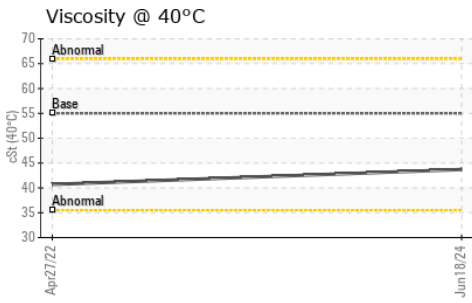
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>50	20	16	---
Potassium	ppm	ASTM D5185m	>20	0	2	---
Water		WC Method	>0.2	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	>0.2	NEG	NEG	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		6	12	---
Boron	ppm	ASTM D5185m		121	125	---
Barium	ppm	ASTM D5185m		0	0	---
Molybdenum	ppm	ASTM D5185m		<1	5	---
Manganese	ppm	ASTM D5185m		5	13	---
Magnesium	ppm	ASTM D5185m		17	14	---
Calcium	ppm	ASTM D5185m		3938	4076	---
Phosphorus	ppm	ASTM D5185m		1244	1377	---
Zinc	ppm	ASTM D5185m		1519	1591	---
Sulfur	ppm	ASTM D5185m		3975	3457	---
Visc @ 40°C	cSt	ASTM D445	55	43.7	40.7	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : VCP439542
Lab Number : 06221608
Unique Number : 11099805
Test Package : MOB 1

Received : 26 Jun 2024
Tested : 27 Jun 2024
Diagnosed : 27 Jun 2024 - Wes Davis

OLDCASTLE LAWN AND GARDEN
 2427 RWS RANCH RD
 DAVENPORT, FL
 US 33837
 Contact: DAVID ORTIZ
 david.ortiz@oldcastle.com
 T: (800)833-2984
 F: (863)421-1776

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)