



VOLVO

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area

[WO1005669]

Machine Id

VOLVO L120H 632892

Component

Front Axle

Fluid

VOLVO WET BRAKE TRANSAXLE OIL (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		VCP392437	VCP335220	---
Sample Date		Client Info		14 Jun 2024	16 May 2022	---
Machine Age	hrs	Client Info		3001	1056	---
Oil Age	hrs	Client Info		2000	0	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Changed	Changed	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				NORMAL	NORMAL	---

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>500	142	168	---
Chromium	ppm	ASTM D5185(m)	>20	3	4	---
Nickel	ppm	ASTM D5185(m)	>10	<1	<1	---
Titanium	ppm	ASTM D5185(m)		0	0	---
Silver	ppm	ASTM D5185(m)		0	0	---
Aluminum	ppm	ASTM D5185(m)	>30	1	1	---
Lead	ppm	ASTM D5185(m)	>50	0	0	---
Copper	ppm	ASTM D5185(m)	>120	10	2	---
Tin	ppm	ASTM D5185(m)	>20	0	0	---
Vanadium	ppm	ASTM D5185(m)		0	0	---
White Metal	scalar	Visual*	NONE	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	---

CONTAMINATION

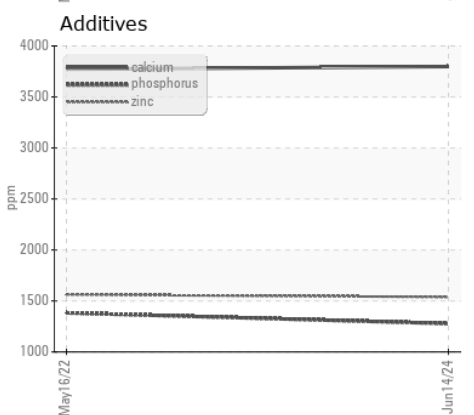
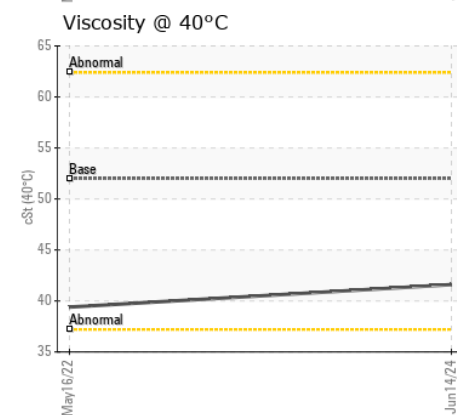
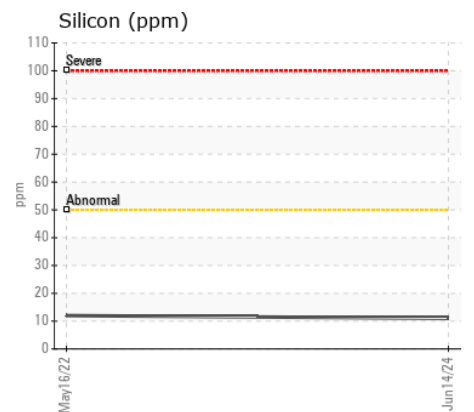
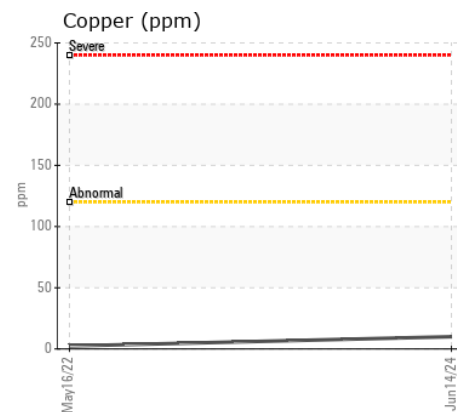
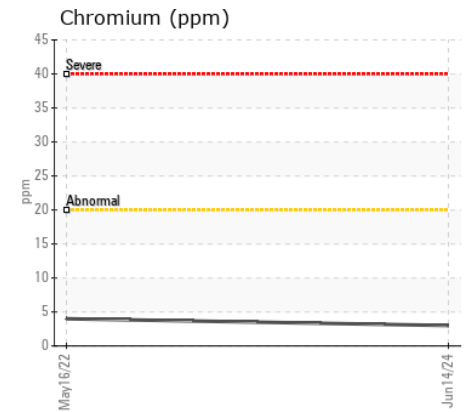
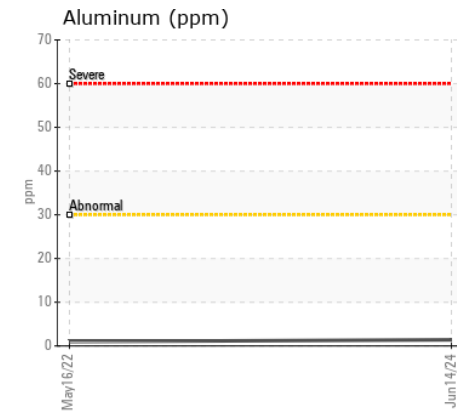
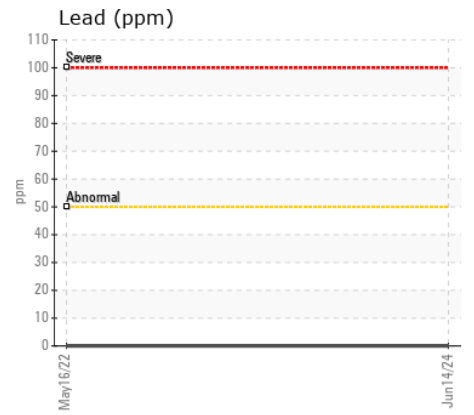
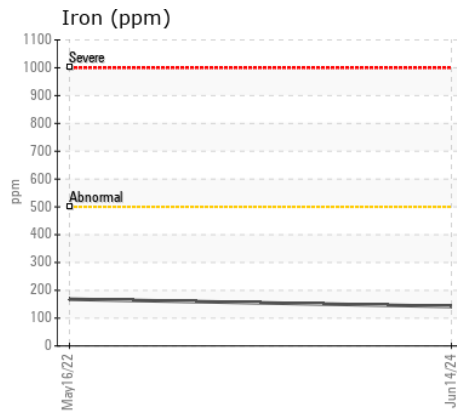
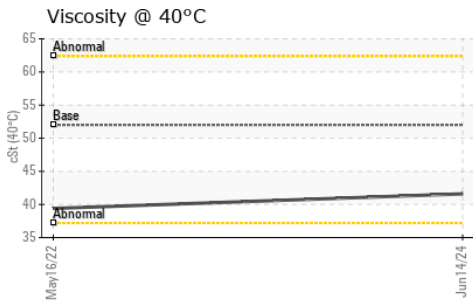
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185(m)	>50	11	12	---
Potassium	ppm	ASTM D5185(m)	>20	1	<1	---
Water		WC Method	>0.2	NEG	NEG	---
Silt	scalar	Visual*	NONE	NONE	NONE	---
Debris	scalar	Visual*	NONE	VLITE	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 D5185(m)		10	10	---
Boron	ppm	ASTM D5185(m)	100	110	111	---
Barium	ppm	ASTM D5185(m)	0	0	0	---
Molybdenum	ppm	ASTM D5185(m)	0	3	7	---
Manganese	ppm	ASTM D5185(m)		5	9	---
Magnesium	ppm	ASTM D5185(m)	0	13	10	---
Calcium	ppm	ASTM D5185(m)	3800	3798	3771	---
Phosphorus	ppm	ASTM D5185(m)	1200	1278	1383	---
Zinc	ppm	ASTM D5185(m)	1500	1538	1562	---
Sulfur	ppm	ASTM D5185(m)	6500	3122	3355	---
Visc @ 40°C	cSt	ASTM D7279(m)	52.0	41.6	39.4	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : VCP392437 **Received** : 25 Jun 2024
Lab Number : 02644063 **Tested** : 25 Jun 2024
Unique Number : 5801602 **Diagnosed** : 25 Jun 2024 - Wes Davis
Test Package : MOB 1

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 1435 WATER STREET
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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.