



VOLVO

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area

[A12458]

Machine Id

VOLVO L60H 623331

Component

Rear Axle

Fluid

MOBIL WB 102 (--- GAL)



RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		VCP438199	VCP430923	VCP430376
Sample Date		Client Info		11 Apr 2024	22 Nov 2023	25 Sep 2023
Machine Age	hrs	Client Info		2095	1065	580
Oil Age	hrs	Client Info		1100	1065	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Changed	N/A
Filter Changed		Client Info		Not Changed	Not Changed	N/A
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>500	80	267	77
Chromium	ppm	ASTM D5185m	>20	2	5	4
Nickel	ppm	ASTM D5185m	>10	<1	2	<1
Titanium	ppm	ASTM D5185m		<1	0	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>30	2	1	6
Lead	ppm	ASTM D5185m	>50	1	0	<1
Copper	ppm	ASTM D5185m	>120	2	26	<1
Tin	ppm	ASTM D5185m	>20	1	2	0
Vanadium	ppm	ASTM D5185m		<1	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	LIGHT
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

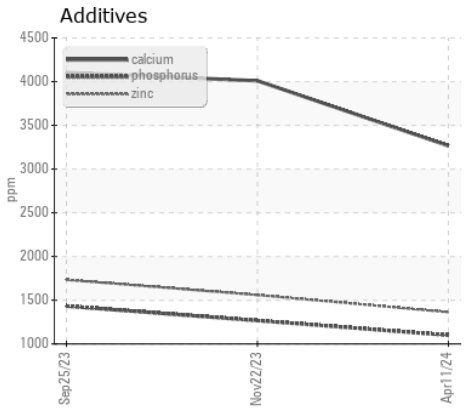
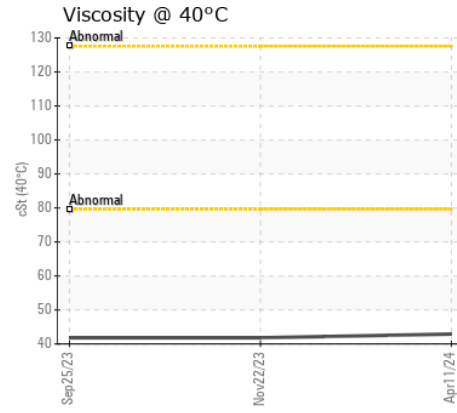
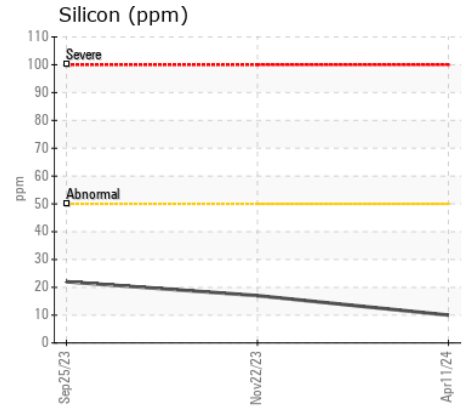
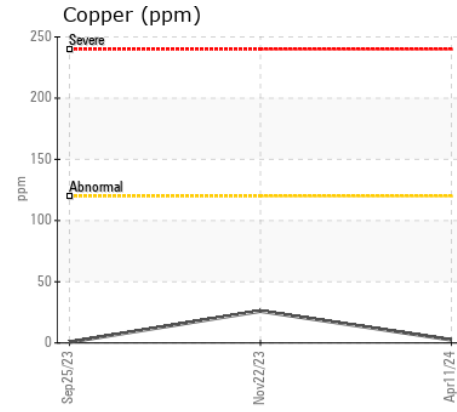
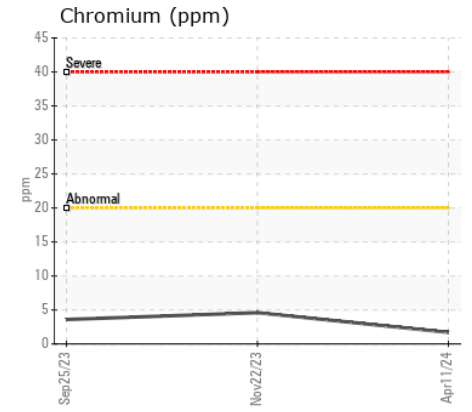
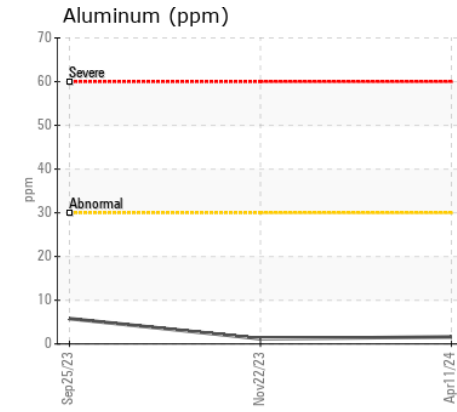
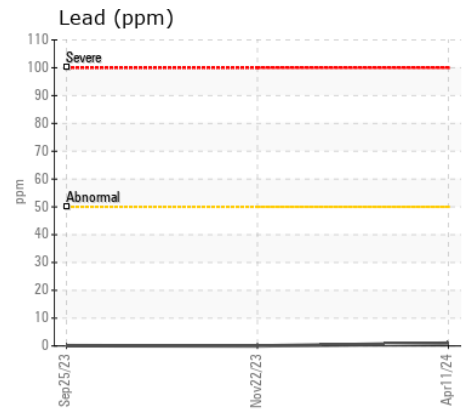
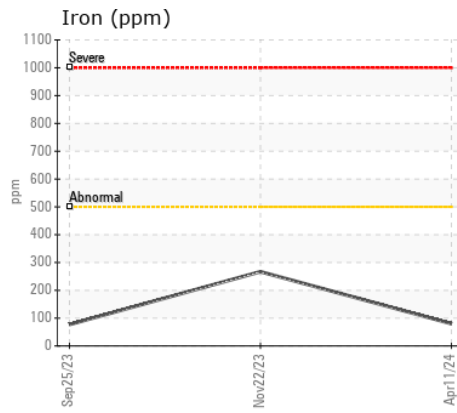
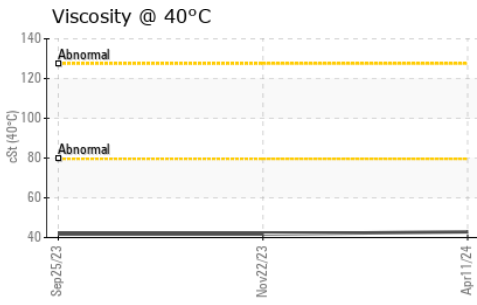
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>50	10	17	22
Potassium	ppm	ASTM D5185m	>20	1	<1	2
Water		WC Method	>0.2	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		1	5	3
Boron	ppm	ASTM D5185m		99	134	144
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		5	6	4
Manganese	ppm	ASTM D5185m		3	12	7
Magnesium	ppm	ASTM D5185m		57	12	14
Calcium	ppm	ASTM D5185m		3266	4010	4104
Phosphorus	ppm	ASTM D5185m		1100	1267	1433
Zinc	ppm	ASTM D5185m		1363	1560	1734
Sulfur	ppm	ASTM D5185m		4235	3639	4475
Visc @ 40°C	cSt	ASTM D445		42.9	41.8	41.8



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : VCP438199 **Received** : 22 Apr 2024
Lab Number : 06156431 **Tested** : 23 Apr 2024
Unique Number : 10991854 **Diagnosed** : 23 Apr 2024 - Wes Davis
Test Package : MOB 1

COVANTA ENERGY
 10 HIGHLAND AVE
 CHESTER, PA
 US 19013
 Contact: LOADER SHOP
 jacoles@covantaenergy.com
 T: (610)497-8115
 F: (610)497-8042

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)