



VOLVO

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area
[SPM742858]
 Machine Id
VOLVO L120H 633335
 Component
Front 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		VCP425231	VCP420701	VCP425137
Sample Date		Client Info		08 Jul 2024	30 Apr 2024	28 Sep 2023
Machine Age	hrs	Client Info		3007	2608	999
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Filter Changed		Client Info		Not Changd	Not Changd	Not Changd
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>500	4	74	400
Chromium	ppm	ASTM D5185m	>20	<1	1	8
Nickel	ppm	ASTM D5185m	>10	0	0	2
Titanium	ppm	ASTM D5185m		<1	0	<1
Silver	ppm	ASTM D5185m		<1	0	0
Aluminum	ppm	ASTM D5185m	>30	4	0	0
Lead	ppm	ASTM D5185m	>50	<1	0	<1
Copper	ppm	ASTM D5185m	>120	4	0	2
Tin	ppm	ASTM D5185m	>20	<1	0	0
Vanadium	ppm	ASTM D5185m		<1	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

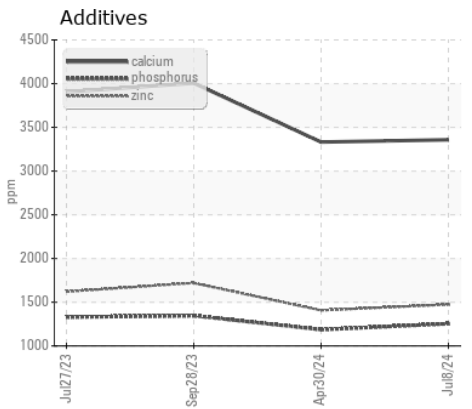
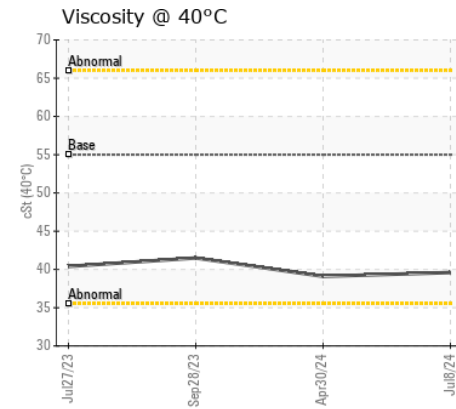
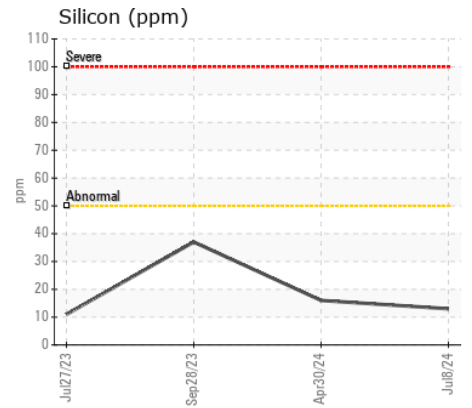
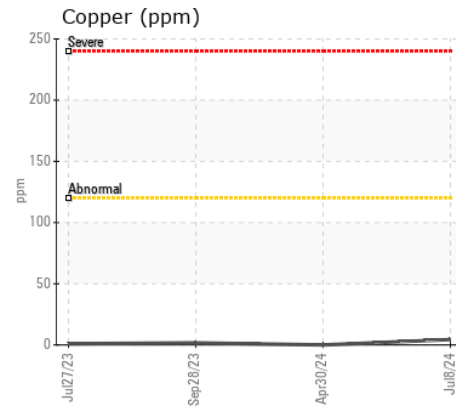
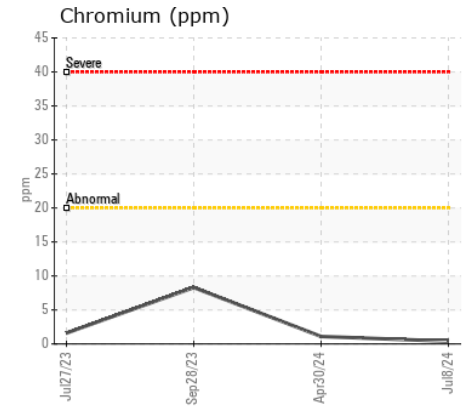
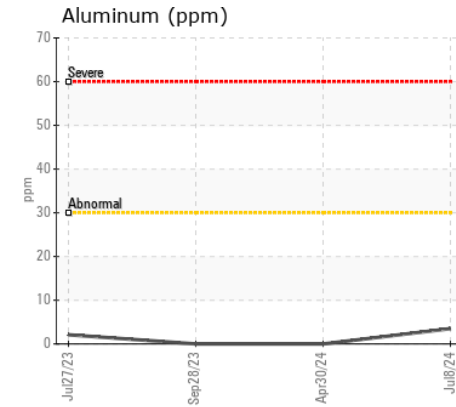
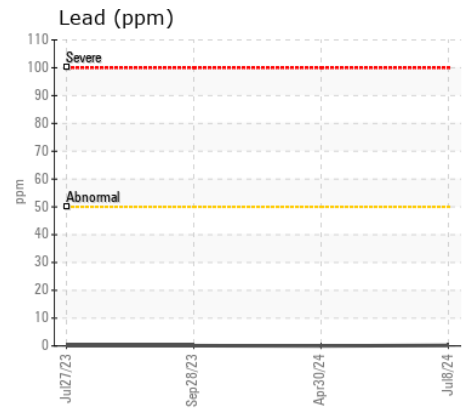
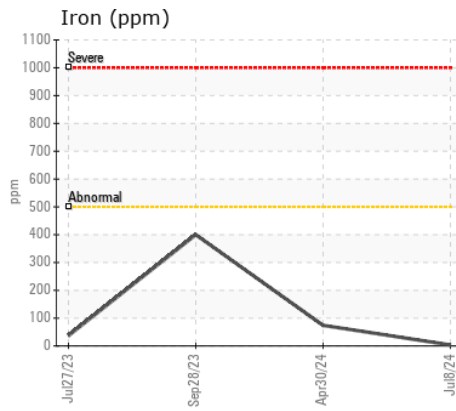
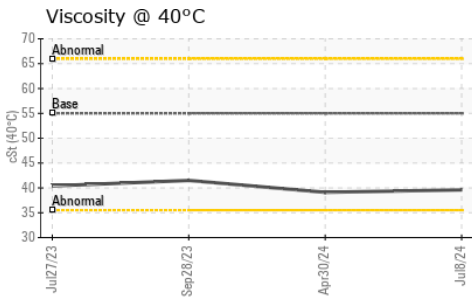
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>50	13	16	37
Potassium	ppm	ASTM D5185m	>20	2	0	4
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		0	2	0
Boron	ppm	ASTM D5185m		2	0	134
Barium	ppm	ASTM D5185m		<1	0	<1
Molybdenum	ppm	ASTM D5185m		<1	2	43
Manganese	ppm	ASTM D5185m		0	2	15
Magnesium	ppm	ASTM D5185m		16	7	12
Calcium	ppm	ASTM D5185m		3358	3332	4006
Phosphorus	ppm	ASTM D5185m		1254	1186	1346
Zinc	ppm	ASTM D5185m		1474	1407	1720
Sulfur	ppm	ASTM D5185m		5181	4880	4950
Visc @ 40°C	cSt	ASTM D445	55	39.6	39.1	41.5



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
 Sample No. : VCP425231
 Lab Number : 06240661
 Unique Number : 11129495
 Test Package : MOB 1

Received : 18 Jul 2024
 Tested : 19 Jul 2024
 Diagnosed : 19 Jul 2024 - Wes Davis

OZINGA BROS INC
 19001 OLD LAGRANDE RD
 MOKENA, IL
 US 60448
 Contact: ED JONGSMA

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)

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F: