



# VOLVO

## OIL ANALYSIS REPORT

WEAR	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>



Area

**[SPM742858]**

Machine Id

**VOLVO L120H 633335**

Component

**Rear 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		<b>VCP425251</b>	VCP420178	VCP425587
Sample Date		Client Info		<b>08 Jul 2024</b>	30 Apr 2024	28 Sep 2023
Machine Age	hrs	Client Info		<b>3007</b>	2608	999
Oil Age	hrs	Client Info		<b>0</b>	0	0
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Not Changed</b>	Not Changed	Not Changed
Filter Changed		Client Info		<b>Not Changed</b>	Not Changed	Not Changed
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

### WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>500	<b>2</b>	89	332
Chromium	ppm	ASTM D5185m	>20	<b>&lt;1</b>	1	7
Nickel	ppm	ASTM D5185m	>10	<b>0</b>	0	2
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	0	<1
Silver	ppm	ASTM D5185m		<b>&lt;1</b>	0	0
Aluminum	ppm	ASTM D5185m	>30	<b>4</b>	1	0
Lead	ppm	ASTM D5185m	>50	<b>&lt;1</b>	0	0
Copper	ppm	ASTM D5185m	>120	<b>&lt;1</b>	<1	1
Tin	ppm	ASTM D5185m	>20	<b>&lt;1</b>	0	0
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

### CONTAMINATION

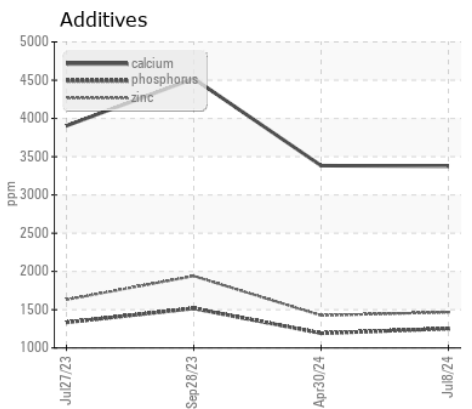
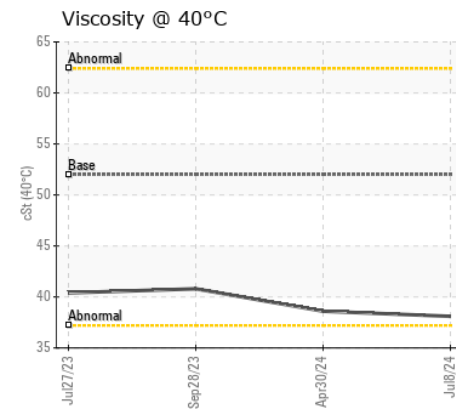
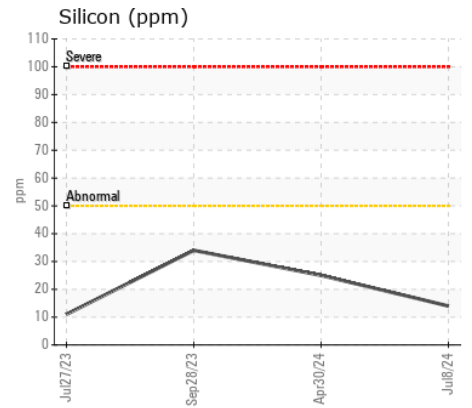
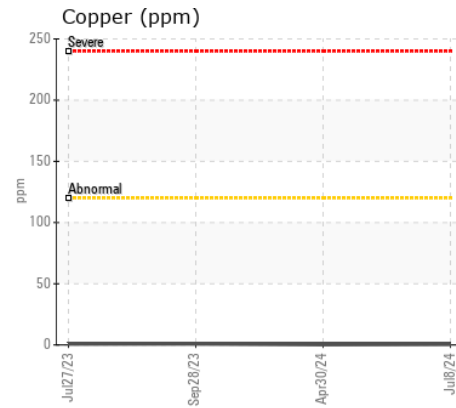
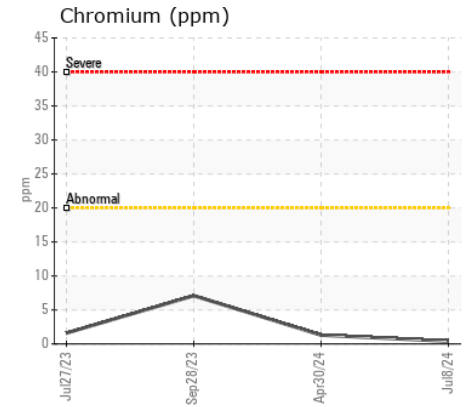
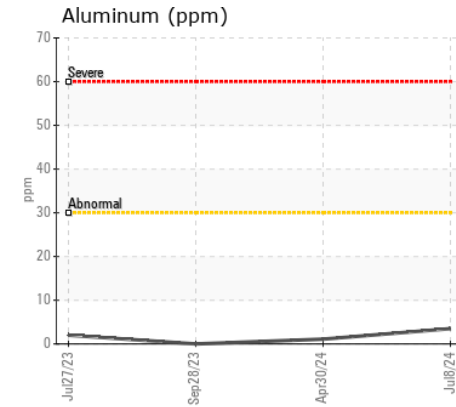
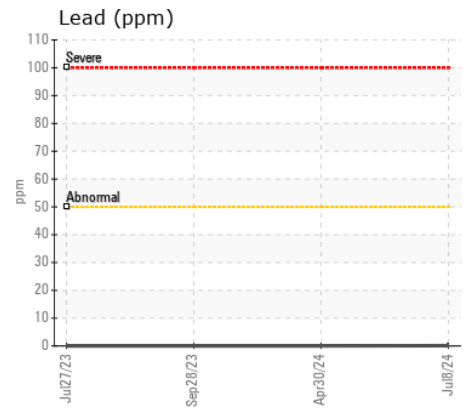
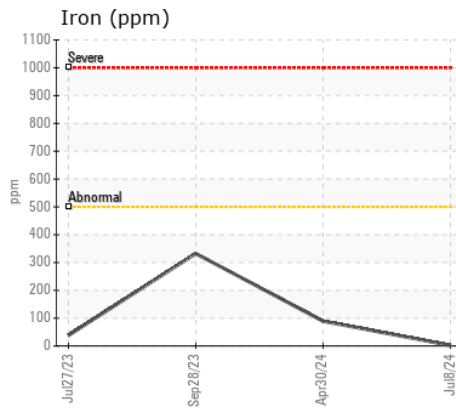
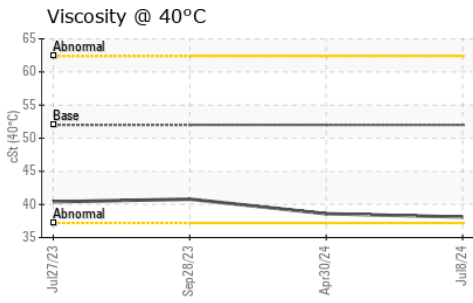
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>50	<b>14</b>	25	34
Potassium	ppm	ASTM D5185m	>20	<b>2</b>	0	3
Water		WC Method	>0.2	<b>NEG</b>	NEG	NEG
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	LIGHT
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	*Visual	>0.2	<b>NEG</b>	NEG	NEG

### FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		<b>0</b>	3	9
Boron	ppm	ASTM D5185m	100	<b>1</b>	0	150
Barium	ppm	ASTM D5185m	0	<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m	0	<b>1</b>	6	17
Manganese	ppm	ASTM D5185m		<b>0</b>	7	16
Magnesium	ppm	ASTM D5185m	0	<b>25</b>	13	13
Calcium	ppm	ASTM D5185m	3800	<b>3376</b>	3383	4521
Phosphorus	ppm	ASTM D5185m	1200	<b>1252</b>	1192	1517
Zinc	ppm	ASTM D5185m	1500	<b>1467</b>	1425	1940
Sulfur	ppm	ASTM D5185m	6500	<b>4646</b>	4986	5503
Visc @ 40°C	cSt	ASTM D445	52.0	<b>38.1</b>	38.6	40.8



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513

Sample No. : VCP425251

Lab Number : 06240659

Unique Number : 11129493

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)

T: (708)326-4200

F: