



# CONSTRUCTION EQUIPMENT

730588 VOLVO L350H 1133 - CORE - FRONT AXLE



**Sample No:** VCP447729  
**Oil Type:** VOLVO WB 102  
**Job No:** 730588



## SAMPLE INFORMATION

Sample Number	<b>VCP447729</b>	VCP414122	VCP386803	VCP340980
Sample Date	<b>26 Jun 2024</b>	14 Jun 2023	15 Jun 2022	08 Dec 2021
Machine Hours	<b>14441</b>	14011	11032	7067
Oil Hours	<b>4000</b>	2000	2000	0
Oil Changed	<b>Changed</b>	Changed	Changed	Not Changd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

**ALTA EQUIPMENT COMPANY - METRO WEST**  
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## OIL CONDITION

Visc @ 40°C	cSt	<b>42.4</b>	42.1	43.4	42.7
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## CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>14</b>	11	9	7
Sodium	ppm	<b>5</b>	1	5	6
Potassium	ppm	<b>1</b>	<1	0	0

## Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



## WEAR METALS

Iron	ppm	<b>29</b>	29	15	6
Copper	ppm	<b>2</b>	<1	2	2
Lead	ppm	<b>1</b>	<1	<1	0
Tin	ppm	<b>0</b>	<1	<1	0
Aluminum	ppm	<b>2</b>	2	1	<1
Chromium	ppm	<b>&lt;1</b>	<1	<1	<1
Molybdenum	ppm	<b>&lt;1</b>	2	8	3
Nickel	ppm	<b>0</b>	0	0	0
Titanium	ppm	<b>0</b>	0	<1	0
Silver	ppm	<b>0</b>	0	0	<1
Manganese	ppm	<b>&lt;1</b>	1	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>3933</b>	3400	3671	3930
Magnesium	ppm	<b>21</b>	35	34	38
Zinc	ppm	<b>1585</b>	1470	1571	1572
Phosphorus	ppm	<b>1421</b>	1246	1214	1322
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>127</b>	45	144	132

**Depot:** VOLVO2990  
**Unique No:** 11114034  
**Signed:** Wes Davis  
**Report Date:** 10 Jul 2024



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## VOLVO GRAPHS

