



# CONSTRUCTION EQUIPMENT

## VOLVO L220H 2752 - FRONT AXLE



**Sample No:** VCP424005  
**Oil Type:** VOLVO WB 102  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP424005</b>	VCP412850	VCP420288	VCP376098
Sample Date	<b>21 Oct 2023</b>	07 Sep 2023	23 May 2023	17 Oct 2022
Machine Hours	<b>16017</b>	15591	14548	12267
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	Not Chngd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

**WHEELABRATOR**  
 1 CHARLES POINT AVE  
 PEEKSKILL, NY  
 US 10566  
 Contact: Service Manager



### OIL CONDITION

Visc @ 40°C	cSt	<b>46.9</b>	47.0	39.5	39.8
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T:  
F:



### CONTAMINATION

Silicon	ppm	<b>11</b>	12	8	7
Sodium	ppm	<b>&lt;1</b>	3	4	0
Potassium	ppm	<b>0</b>	0	<1	2

### 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>15</b>	13	69	68
Copper	ppm	<b>0</b>	<1	0	1
Lead	ppm	<b>0</b>	<1	0	<1
Tin	ppm	<b>0</b>	<1	0	0
Aluminum	ppm	<b>0</b>	1	0	0
Chromium	ppm	<b>0</b>	<1	2	2
Molybdenum	ppm	<b>0</b>	0	<1	<1
Nickel	ppm	<b>0</b>	0	0	0
Titanium	ppm	<b>0</b>	<1	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>0</b>	<1	1	2
Vanadium	ppm	<b>0</b>	<1	0	0



### ADDITIVES

Calcium	ppm	<b>3601</b>	4157	2634	3002
Magnesium	ppm	<b>16</b>	6	11	11
Zinc	ppm	<b>1303</b>	1633	1238	1317
Phosphorus	ppm	<b>999</b>	1272	974	1053
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>143</b>	138	88	88

**Depot:** WHEPEE  
**Unique No:** 10725877  
**Signed:** Wes Davis  
**Report Date:** 03 Nov 2023



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## GRAPHS

