



# CONSTRUCTION EQUIPMENT

## D13107 WM A1 VOLVO L70H 624717 - REAR AXLE



**Sample No:** VCP204900D  
**Oil Type:** VOLVO WB 102  
**Job No:** D13107 WM A1



### SAMPLE INFORMATION

Sample Number	<b>VCP204900D</b>	VCP429538	VCP418994	VCP419008
Sample Date	<b>11 Dec 2023</b>	19 Oct 2023	08 Sep 2023	04 Aug 2023
Machine Hours	<b>3591</b>	3224	2966	2770
Oil Hours	<b>625</b>	258	617	471
Oil Changed	<b>Not Changd</b>	Not Changd	Changed	Not Changd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	ABNORMAL

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### OIL CONDITION

Visc @ 40°C	cSt	<b>43.0</b>	43.0	42.9	42.9
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>18</b>	13	9	19
Sodium	ppm	<b>2</b>	<1	3	2
Potassium	ppm	<b>0</b>	0	0	<1

### 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>71</b>	41	204	▲ 617
Copper	ppm	<b>3</b>	3	16	14
Lead	ppm	<b>&lt;1</b>	<1	0	<1
Tin	ppm	<b>0</b>	0	<1	1
Aluminum	ppm	<b>2</b>	1	2	3
Chromium	ppm	<b>&lt;1</b>	<1	<1	4
Molybdenum	ppm	<b>9</b>	8	<1	11
Nickel	ppm	<b>0</b>	0	2	2
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	<1	3	8
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>3890</b>	3951	3512	4062
Magnesium	ppm	<b>23</b>	24	17	19
Zinc	ppm	<b>1518</b>	1578	1535	1671
Phosphorus	ppm	<b>1317</b>	1248	1391	1275
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>137</b>	140	101	144

**Depot:** VOLVO0069  
**Unique No:** 10791589  
**Signed:** Wes Davis  
**Report Date:** 18 Dec 2023



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## VOLVO GRAPHS

