



# CONSTRUCTION EQUIPMENT

## SPM703351 US GYPSUM VOLVO L180H 5572 - FRONT AXLE



**Sample No:** VCP446999  
**Oil Type:** VOLVO WB 102  
**Job No:** SPM703351 US GYPSUM



### SAMPLE INFORMATION

Sample Number	<b>VCP446999</b>	VCP425592	VCP422597	VCP419983
Sample Date	<b>30 Apr 2024</b>	12 Sep 2023	13 Jun 2023	14 Mar 2023
Machine Hours	<b>7008</b>	5421	4720	4201
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

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### OIL CONDITION

Visc @ 40°C	cSt	<b>38.3</b>	41.1	41.5	43.1
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>15</b>	12	15	15
Sodium	ppm	<b>2</b>	0	3	5
Potassium	ppm	<b>0</b>	2	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>6</b>	42	44	107
Copper	ppm	<b>2</b>	<1	1	1
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	0	<1	0
Aluminum	ppm	<b>&lt;1</b>	3	1	2
Chromium	ppm	<b>0</b>	<1	1	3
Molybdenum	ppm	<b>0</b>	1	1	4
Nickel	ppm	<b>0</b>	0	0	<1
Titanium	ppm	<b>0</b>	0	<1	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	2	2	5
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>3299</b>	3503	3305	4066
Magnesium	ppm	<b>9</b>	11	17	22
Zinc	ppm	<b>1393</b>	1533	1403	1569
Phosphorus	ppm	<b>1187</b>	1269	1149	1300
Barium	ppm	<b>4</b>	0	2	0
Boron	ppm	<b>0</b>	58	72	139

**Depot:** VOLVO8885  
**Unique No:** 11030498  
**Signed:** Wes Davis  
**Report Date:** 15 May 2024



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## VOLVO GRAPHS

