



# CONSTRUCTION EQUIPMENT

## 600189 WASTE MGMT VOLVO L120H 632191 - REAR AXLE



**Sample No:** VCP379880  
**Oil Type:** VOLVO WB 101  
**Job No:** 600189 WASTE MGMT



### SAMPLE INFORMATION

Sample Number	<b>VCP379880</b>	VCP424199	VCP371176	VCP363791
Sample Date	<b>09 Jan 2024</b>	07 Sep 2023	13 Jan 2023	11 Oct 2022
Machine Hours	<b>17705</b>	17291	16571	16520
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	N/A
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

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### OIL CONDITION

Visc @ 40°C	cSt	<b>41.7</b>	41.0	40.9	40.9
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>11</b>	8	8	12
Sodium	ppm	<b>3</b>	5	5	3
Potassium	ppm	<b>1</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>198</b>	174	139	300
Copper	ppm	<b>2</b>	1	<1	<1
Lead	ppm	<b>&lt;1</b>	<1	<1	0
Tin	ppm	<b>&lt;1</b>	0	<1	0
Aluminum	ppm	<b>1</b>	2	<1	2
Chromium	ppm	<b>2</b>	2	1	2
Molybdenum	ppm	<b>20</b>	14	5	35
Nickel	ppm	<b>1</b>	1	<1	0
Titanium	ppm	<b>&lt;1</b>	0	0	<1
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>3</b>	2	2	3
Vanadium	ppm	<b>&lt;1</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>3078</b>	2196	2352	3336
Magnesium	ppm	<b>10</b>	9	10	11
Zinc	ppm	<b>1307</b>	1053	1192	1454
Phosphorus	ppm	<b>1178</b>	944	1045	1183
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>99</b>	69	62	103

**Depot:** VOLVO1271  
**Unique No:** 10862313  
**Signed:** Wes Davis  
**Report Date:** 06 Feb 2024



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## VOLVO GRAPHS

