



# CONSTRUCTION EQUIPMENT

## A13000 VOLVO L180H 5740 - REAR AXLE



**Sample No:** VCP434215  
**Oil Type:** MOBIL WB 102  
**Job No:** A13000



### SAMPLE INFORMATION

Sample Number	<b>VCP434215</b>	VCP427214	VCP446006	VCP439304
Sample Date	<b>09 Jul 2024</b>	13 May 2024	22 Mar 2024	24 Jan 2024
Machine Hours	<b>2800</b>	2345	1960	1505
Oil Hours	<b>2800</b>	500	0	1505
Oil Changed	<b>Not Changd</b>	Not Changd	Not Changd	Not Changd
Sample Status	<b>NORMAL</b>	NORMAL	ABNORMAL	NORMAL

**WASTE MANAGEMENT - TELFORD**  
 400 PROGRESS DR  
 TELFORD, PA  
 US 18969-1191  
 Contact: EDWARD ROGENER  
 erogener@wm.com  
 T:  
 F:



### OIL CONDITION

Visc @ 40°C	cSt	<b>41.6</b>	46.0	43.7	43.2
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>11</b>	13	10	10
Sodium	ppm	<b>0</b>	0	<1	<1
Potassium	ppm	<b>2</b>	3	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>226</b>	232	180	16
Copper	ppm	<b>&lt;1</b>	1	0	0
Lead	ppm	<b>&lt;1</b>	<1	0	0
Tin	ppm	<b>0</b>	<1	0	0
Aluminum	ppm	<b>2</b>	2	<1	0
Chromium	ppm	<b>3</b>	3	2	<1
Molybdenum	ppm	<b>6</b>	6	5	4
Nickel	ppm	<b>2</b>	2	<1	0
Titanium	ppm	<b>&lt;1</b>	<1	0	0
Silver	ppm	<b>0</b>	<1	0	0
Manganese	ppm	<b>4</b>	5	4	2
Vanadium	ppm	<b>&lt;1</b>	<1	0	0



### ADDITIVES

Calcium	ppm	<b>3052</b>	3270	3141	3267
Magnesium	ppm	<b>49</b>	52	50	54
Zinc	ppm	<b>1293</b>	1387	1274	1472
Phosphorus	ppm	<b>1151</b>	1254	1055	1063
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>108</b>	108	95	122

**Depot:** WASTEL  
**Unique No:** 11125321  
**Signed:** Wes Davis  
**Report Date:** 16 Jul 2024



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## GRAPHS

