



# CONSTRUCTION EQUIPMENT

## 48117 VOLVO LC450H 1015 - REAR AXLE



**Sample No:** VCP423545  
**Oil Type:** VOLVO WB 102  
**Job No:** 48117



### SAMPLE INFORMATION

Sample Number	VCP423545	---	---	---
Sample Date	23 Mar 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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 3779 RYDER BLVD  
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 US 30519  
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### OIL CONDITION

Visc @ 40°C	cSt	█ 40.8	---	---	---
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### CONTAMINATION

Water	%	▲ 0.241	---	---	---
Silicon	ppm	█ 11	---	---	---
Sodium	ppm	█ 8	---	---	---
Potassium	ppm	█ 2	---	---	---



### WEAR METALS

Iron	ppm	█ 373	---	---	---
Copper	ppm	█ 6	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 4	---	---	---
Molybdenum	ppm	█ 11	---	---	---
Nickel	ppm	█ 3	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 6	---	---	---
Vanadium	ppm	< 1	---	---	---



### ADDITIVES

Calcium	ppm	█ 3943	---	---	---
Magnesium	ppm	█ 6	---	---	---
Zinc	ppm	█ 1481	---	---	---
Phosphorus	ppm	█ 1210	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 108	---	---	---

### Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. There is a light concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

**Depot:** VOLVO8529  
**Unique No:** 10403287  
**Signed:** Don Baldrige  
**Report Date:** 03 Apr 2023



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## GRAPHS

