



# CONSTRUCTION EQUIPMENT

12621 METAL TECH VOLVO L180H 5339 - FRONT AXLE



**Sample No:** VCP454449  
**Oil Type:** VOLVO WB 102  
**Job No:** 12621 METAL TECH



## SAMPLE INFORMATION

Sample Number	VCP454449	---	---	---
Sample Date	06 May 2024	---	---	---
Machine Hours	9379	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

### HOFFMAN EQUIPMENT - LIONVILLE

120 GORDON DRIVE  
LIONVILLE, PA  
US 19341  
Contact: JIM FEHR  
jim.fehr@hoffmanequip.com  
T: (610)363-9200  
F: (610)594-0829



## OIL CONDITION

Visc @ 40°C	cSt	█ 43.3	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 9	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 0	---	---	---

### Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.



## WEAR METALS

Iron	ppm	█ 29	---	---	---
Copper	ppm	█ 4	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 5	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	█ 3983	---	---	---
Magnesium	ppm	█ 68	---	---	---
Zinc	ppm	█ 1726	---	---	---
Phosphorus	ppm	█ 1437	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 123	---	---	---

**Depot:** VOLVO8879  
**Unique No:** 11034545  
**Signed:** Sean Felton  
**Report Date:** 21 May 2024



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## GRAPHS

