



# CONSTRUCTION EQUIPMENT

## 12282 VOLVO A45G 353036 - BOGIE/CENTER AXLE



**Sample No:** VCP438188  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** 12282



### SAMPLE INFORMATION

Sample Number	VCP438188	---	---	---
Sample Date	08 May 2024	---	---	---
Machine Hours	1856	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

**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	█ 142	---	---	---
-------------	-----	-------	-----	-----	-----



### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 2	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 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	█ 70	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ 2	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	2	---	---	---
Manganese	ppm	█ 3	---	---	---
Vanadium	ppm	<1	---	---	---



### ADDITIVES

Calcium	ppm	█ 50	---	---	---
Magnesium	ppm	█ 5	---	---	---
Zinc	ppm	█ 25	---	---	---
Phosphorus	ppm	█ 961	---	---	---
Barium	ppm	█ 3	---	---	---
Boron	ppm	█ 209	---	---	---

**Depot:** VOLVO8879  
**Unique No:** 11021919  
**Signed:** Wes Davis  
**Report Date:** 13 May 2024



# CONSTRUCTION EQUIPMENT



## VOLVO GRAPHS

