



# CONSTRUCTION EQUIPMENT

## 545538 - REAR AXLE



**Sample No:** VCP446560  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** 545538



**ALTA EQUIPMENT COMPANY**  
 5210 REESE ROAD  
 DAVIE, FL  
 US 33314  
 Contact: GERMAN BLANDON  
 gblandon@flaglerce.com  
 T: (954)581-4744  
 F: (954)583-0318



### SAMPLE INFORMATION

Sample Number	VCP446560	---	---	---
Sample Date	13 May 2024	---	---	---
Machine Hours	1973	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---



### OIL CONDITION

Visc @ 40°C	cSt	83.3	---	---	---
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### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	6	---	---	---
Sodium	ppm	3	---	---	---
Potassium	ppm	6	---	---	---



### WEAR METALS

Iron	ppm	401	---	---	---
Copper	ppm	22	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	7	---	---	---
Molybdenum	ppm	9	---	---	---
Nickel	ppm	3	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	12	---	---	---
Vanadium	ppm	<1	---	---	---



### ADDITIVES

Calcium	ppm	1081	---	---	---
Magnesium	ppm	0	---	---	---
Zinc	ppm	425	---	---	---
Phosphorus	ppm	1441	---	---	---
Barium	ppm	1	---	---	---
Boron	ppm	300	---	---	---

### 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 oil viscosity is lower than normal. Confirm oil type.

**Depot:** VOLVO0095  
**Unique No:** 11036029  
**Signed:** Sean Felton  
**Report Date:** 22 May 2024



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## VOLVO GRAPHS

