



# CONSTRUCTION EQUIPMENT

## 687484 VOLVO A30G 752866 - BOGIE/CENTER AXLE



**Sample No:** VCP440914  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** 687484



### SAMPLE INFORMATION

Sample Number	<b>VCP440914</b>	VCP396839	VCP392609	---
Sample Date	<b>15 Mar 2024</b>	05 Jul 2023	13 Feb 2023	---
Machine Hours	<b>2208</b>	1096	526	---
Oil Hours	<b>1500</b>	500	526	---
Oil Changed	<b>Not Chngd</b>	Not Chngd	Changed	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

### RIPA AND ASSOCIATES

10149 FISHER AVENUE  
TAMPA, FL  
US 33619  
Contact: ROBERT TURNER  
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T:  
F:



### OIL CONDITION

Visc @ 40°C	cSt	<b>196</b>	200	91.3	---
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### CONTAMINATION

Water	%	<b>NEG</b>	NEG	NEG	---
Silicon	ppm	<b>4</b>	3	5	---
Sodium	ppm	<b>0</b>	<1	2	---
Potassium	ppm	<b>0</b>	1	4	---

### 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>208</b>	107	246	---
Copper	ppm	<b>9</b>	5	12	---
Lead	ppm	<b>&lt;1</b>	0	<1	---
Tin	ppm	<b>&lt;1</b>	0	<1	---
Aluminum	ppm	<b>0</b>	1	<1	---
Chromium	ppm	<b>3</b>	2	5	---
Molybdenum	ppm	<b>6</b>	5	10	---
Nickel	ppm	<b>2</b>	1	3	---
Titanium	ppm	<b>0</b>	0	0	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>5</b>	4	9	---
Vanadium	ppm	<b>&lt;1</b>	0	0	---



### ADDITIVES

Calcium	ppm	<b>335</b>	301	882	---
Magnesium	ppm	<b>17</b>	15	3	---
Zinc	ppm	<b>171</b>	135	369	---
Phosphorus	ppm	<b>1220</b>	1099	1273	---
Barium	ppm	<b>2</b>	0	3	---
Boron	ppm	<b>173</b>	184	266	---

**Depot:** RIPTAM  
**Unique No:** 10976305  
**Signed:** Don Baldrige  
**Report Date:** 15 Apr 2024



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## GRAPHS

