



# CONSTRUCTION EQUIPMENT

## 24281 VOLVO A30G 740267 - BOGIE/CENTER AXLE



**Sample No:** VCP416535  
**Oil Type:** VOLVO SUPER GEAR OIL 75W-80-GO102  
**Job No:** 24281



### SAMPLE INFORMATION

Sample Number	<b>VCP416535</b>	VCP312342	VCP278504	---
Sample Date	<b>01 Nov 2023</b>	08 May 2021	16 Oct 2020	---
Machine Hours	<b>5992</b>	4158	3653	---
Oil Hours	<b>1000</b>	0	0	---
Oil Changed	<b>N/A</b>	N/A	N/A	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

**SANDERS BROTHERS CONSTRUCTION**  
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### OIL CONDITION

Visc @ 40°C	cSt	<b>73.3</b>	53.9	320	---
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### CONTAMINATION

Silicon	ppm	<b>7</b>	<1	27	---
Sodium	ppm	<b>2</b>	2	1	---
Potassium	ppm	<b>&lt;1</b>	<1	12	---

### 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>90</b>	<1	98	---
Copper	ppm	<b>12</b>	0	8	---
Lead	ppm	<b>0</b>	<1	0	---
Tin	ppm	<b>&lt;1</b>	<1	0	---
Aluminum	ppm	<b>&lt;1</b>	0	4	---
Chromium	ppm	<b>&lt;1</b>	0	2	---
Molybdenum	ppm	<b>1</b>	2	2	---
Nickel	ppm	<b>&lt;1</b>	<1	2	---
Titanium	ppm	<b>0</b>	0	<1	---
Silver	ppm	<b>0</b>	<1	<1	---
Manganese	ppm	<b>1</b>	0	2	---
Vanadium	ppm	<b>0</b>	0	0	---



### ADDITIVES

Calcium	ppm	<b>76</b>	37	33	---
Magnesium	ppm	<b>3</b>	9	<1	---
Zinc	ppm	<b>46</b>	19	11	---
Phosphorus	ppm	<b>1885</b>	2457	846	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>221</b>	295	155	---

**Depot:** SANNOR  
**Unique No:** 10727748  
**Signed:** Angela Borella  
**Report Date:** 08 Nov 2023



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## GRAPHS

