



# CONSTRUCTION EQUIPMENT

## 393638-40 H&J VOLVO A30G 752416 - REAR AXLE



**Sample No:** VCP410029  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** 393638-40 H&J



### SAMPLE INFORMATION

Sample Number	<b>VCP410029</b>	VCP415554	VCP425701	---
Sample Date	<b>30 Jan 2024</b>	13 Jul 2023	03 May 2023	---
Machine Hours	<b>4086</b>	6366	3168	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>N/A</b>	Not Changd	Changed	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

### ALTA EQUIPMENT COMPANY

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### OIL CONDITION

Visc @ 40°C	cSt	<b>218</b>	218	84.0	---
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### CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	<b>9</b>	11	6	---
Sodium	ppm	<b>0</b>	0	2	---
Potassium	ppm	<b>3</b>	2	7	---

### 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>121</b>	135	322	---
Copper	ppm	<b>19</b>	16	62	---
Lead	ppm	<b>0</b>	0	<1	---
Tin	ppm	<b>&lt;1</b>	0	4	---
Aluminum	ppm	<b>3</b>	6	<1	---
Chromium	ppm	<b>2</b>	2	5	---
Molybdenum	ppm	<b>3</b>	4	6	---
Nickel	ppm	<b>2</b>	<1	3	---
Titanium	ppm	<b>&lt;1</b>	<1	<1	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>5</b>	6	12	---
Vanadium	ppm	<b>0</b>	0	<1	---



### ADDITIVES

Calcium	ppm	<b>249</b>	282	967	---
Magnesium	ppm	<b>10</b>	10	4	---
Zinc	ppm	<b>113</b>	123	417	---
Phosphorus	ppm	<b>1042</b>	1165	1415	---
Barium	ppm	<b>2</b>	0	0	---
Boron	ppm	<b>169</b>	182	243	---

**Depot:** VOLVO0095  
**Unique No:** 10859308  
**Signed:** Wes Davis  
**Report Date:** 02 Feb 2024



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## GRAPHS

