



# CONSTRUCTION EQUIPMENT

393638-40 H&J VOLVO A30G 752416 - FRONT AXLE



**Sample No:** VCP379710  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** 393638-40 H&J



## SAMPLE INFORMATION

Sample Number	<b>VCP379710</b>	VCP415560	VCP425705	---
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	ATTENTION	---

### ALTA EQUIPMENT COMPANY

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## OIL CONDITION

Visc @ 40°C	cSt	<b>216</b>	216	81.1	---
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## CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	<b>1</b>	2	4	---
Sodium	ppm	<b>0</b>	0	2	---
Potassium	ppm	<b>3</b>	1	7	---



## WEAR METALS

Iron	ppm	<b>146</b>	109	418	---
Copper	ppm	<b>18</b>	13	50	---
Lead	ppm	<b>0</b>	0	0	---
Tin	ppm	<b>&lt;1</b>	0	3	---
Aluminum	ppm	<b>2</b>	<1	<1	---
Chromium	ppm	<b>2</b>	2	7	---
Molybdenum	ppm	<b>5</b>	4	11	---
Nickel	ppm	<b>2</b>	<1	4	---
Titanium	ppm	<b>&lt;1</b>	0	<1	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>4</b>	4	12	---
Vanadium	ppm	<b>0</b>	0	<1	---



## ADDITIVES

Calcium	ppm	<b>319</b>	315	994	---
Magnesium	ppm	<b>14</b>	11	4	---
Zinc	ppm	<b>148</b>	148	429	---
Phosphorus	ppm	<b>1381</b>	1132	1385	---
Barium	ppm	<b>1</b>	0	0	---
Boron	ppm	<b>204</b>	171	225	---

## 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.

**Depot:** VOLVO0095  
**Unique No:** 10859309  
**Signed:** Don Baldrige  
**Report Date:** 03 Feb 2024



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## GRAPHS

