



CONSTRUCTION EQUIPMENT

393638-40 H&J VOLVO A30G 752416 - BOGIE/CENTER AXLE



Sample No: VCP379717
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 393638-40 H&J



SAMPLE INFORMATION

Sample Number	VCP379717	VCP415555	VCP425700	---
Sample Date	30 Jan 2024	13 Jul 2023	03 May 2023	---
Machine Hours	4086	6366	3168	---
Oil Hours	0	0	0	---
Oil Changed	N/A	Not Changd	Changed	---
Sample Status	NORMAL	NORMAL	ATTENTION	---

ALTA EQUIPMENT COMPANY

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OIL CONDITION

Visc @ 40°C	cSt	214	215	▲ 80.7	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	<1	2	3	---
Sodium	ppm	0	0	2	---
Potassium	ppm	3	2	7	---



WEAR METALS

Iron	ppm	77	90	286	---
Copper	ppm	15	15	50	---
Lead	ppm	0	0	0	---
Tin	ppm	<1	0	3	---
Aluminum	ppm	2	<1	<1	---
Chromium	ppm	<1	2	5	---
Molybdenum	ppm	3	3	6	---
Nickel	ppm	<1	<1	3	---
Titanium	ppm	<1	0	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	2	4	11	---
Vanadium	ppm	0	0	<1	---



ADDITIVES

Calcium	ppm	256	308	984	---
Magnesium	ppm	11	10	4	---
Zinc	ppm	121	141	427	---
Phosphorus	ppm	1046	1149	1387	---
Barium	ppm	1	0	0	---
Boron	ppm	165	179	226	---

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: 10859307
Signed: Wes Davis
Report Date: 02 Feb 2024



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GRAPHS

