



CONSTRUCTION EQUIPMENT

VOLVO A25G VCP 413192 (S/N NOT GIVEN) - FRONT AXLE



Sample No: VCP432749
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP432749	---	---	---
Sample Date	10 Oct 2023	---	---	---
Machine Hours	4800	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC
 9601 BOGGY CREEK RD
 ORLANDO, FL
 US 32824
 Contact: Robert LaPlante
 robert.laplante@altg.com
 T: (407)508-9736
 F: (407)659-8720



OIL CONDITION

Visc @ 40°C	cSt	128	---	---	---
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CONTAMINATION

Water	%	0.087	---	---	---
Silicon	ppm	10	---	---	---
Sodium	ppm	1	---	---	---
Potassium	ppm	<1	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper level is abnormal. All other component wear rates are normal. There is no indication of any contamination in the oil. Confirm oil type. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	271	---	---	---
Copper	ppm	171	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	9	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	3	---	---	---
Molybdenum	ppm	3	---	---	---
Nickel	ppm	2	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	4	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	997	---	---	---
Magnesium	ppm	17	---	---	---
Zinc	ppm	361	---	---	---
Phosphorus	ppm	963	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	115	---	---	---

Depot: VOLVO0096
Unique No: 10712167
Signed: Don Baldrige
Report Date: 27 Oct 2023



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GRAPHS

