



CONSTRUCTION EQUIPMENT

SW0921227 VOLVO A30G 75221 - BOGIE/CENTER AXLE



Sample No: VCP337705
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: SW0921227



SAMPLE INFORMATION

Sample Number	VCP337705	---	---	---
Sample Date	21 May 2022	---	---	---
Machine Hours	1204	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
 8418 PALM RIVER ROAD
 TAMPA, FL
 US 33619
 Contact: KENNY HANEY
 khaney@flaglerce.com
 T: (813)630-0077
 F: (813)630-2233



OIL CONDITION

Visc @ 40°C	cSt	● 88.1	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 4	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 4	---	---	---



WEAR METALS

Iron	ppm	■ 199	---	---	---
Copper	ppm	■ 22	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 2	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ 5	---	---	---
Molybdenum	ppm	■ 6	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	■ 16	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 760	---	---	---
Magnesium	ppm	■ 3	---	---	---
Zinc	ppm	■ 323	---	---	---
Phosphorus	ppm	■ 1492	---	---	---
Barium	ppm	■ 2	---	---	---
Boron	ppm	■ 164	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. 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 oil viscosity is lower than normal. Confirm oil type.

Depot: VOLVO0093
Unique No: 9993582
Signed: Don Baldrige
Report Date: 27 May 2022



CONSTRUCTION EQUIPMENT



GRAPHS

