



CONSTRUCTION EQUIPMENT

579157 APTIM VOLVO A30G 740029 - BOGIE/CENTER AXLE



Sample No: VCP424458
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 579157 APTIM



SAMPLE INFORMATION

Sample Number	VCP424458	VCP386347	---	---
Sample Date	12 Jul 2023	17 Oct 2022	---	---
Machine Hours	9441	8409	---	---
Oil Hours	4000	1500	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	ABNORMAL	---	---

ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
 8418 PALM RIVER ROAD
 TAMPA, FL
 US 33619
 Contact: JOHN FARDELLA
 JFARDELLA@ALTAEQUIPFL.COM
 T: (813)630-0077
 F: (813)630-2233



OIL CONDITION

Visc @ 40°C	cSt	█ 108	▲ 42.8	---	---
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CONTAMINATION

Silicon	ppm	█ 5	█ 16	---	---
Sodium	ppm	█ 2	█ 3	---	---
Potassium	ppm	█ 0	█ 0	---	---



WEAR METALS

Iron	ppm	█ 378	█ 15	---	---
Copper	ppm	█ 9	▲ 243	---	---
Lead	ppm	█ 0	█ 10	---	---
Tin	ppm	█ <1	█ <1	---	---
Aluminum	ppm	█ 0	█ 2	---	---
Chromium	ppm	█ 7	█ <1	---	---
Molybdenum	ppm	█ 0	█ <1	---	---
Nickel	ppm	█ 3	█ 1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 11	█ <1	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	█ 39	█ 3050	---	---
Magnesium	ppm	█ <1	█ 11	---	---
Zinc	ppm	25	█ 1307	---	---
Phosphorus	ppm	█ 1097	█ 1128	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 201	█ 78	---	---

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: VOLVO0093
Unique No: 10564865
Signed: Don Baldrige
Report Date: 24 Jul 2023



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GRAPHS

