



CONSTRUCTION EQUIPMENT

632831 ALTA RENTS VOLVO EC350 314638 - REAR LEFT FINAL DRIVE



Sample No: VCP432663
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 632831 ALTA RENTS



SAMPLE INFORMATION

Sample Number	VCP432663	---	---	---
Sample Date	03 Nov 2023	---	---	---
Machine Hours	545	---	---	---
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	█ 157	---	---	---
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CONTAMINATION

Silicon	ppm	█ 16	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 0	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. High concentration of visible metal present. 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.



WEAR METALS

Iron	ppm	█ 309	---	---	---
Copper	ppm	█ 0	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 6	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 4	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 15	---	---	---
Magnesium	ppm	█ <1	---	---	---
Zinc	ppm	█ 3	---	---	---
Phosphorus	ppm	█ 90	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 0	---	---	---

Depot: VOLVO0096
Unique No: 10735630
Signed: Jonathan Hester
Report Date: 10 Nov 2023



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GRAPHS

