



CONSTRUCTION EQUIPMENT

551202 LEHIGH VOLVO EC350 310561 - REAR RIGHT FINAL DRIVE



Sample No: VCP447371
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 551202 LEHIGH



ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC
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SAMPLE INFORMATION

Sample Number	VCP447371	---	---	---
Sample Date	03 May 2024	---	---	---
Machine Hours	2658	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 264	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 12	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 2	---	---	---



WEAR METALS

Iron	ppm	█ 137	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	█ 7	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 165	---	---	---
Magnesium	ppm	█ 36	---	---	---
Zinc	ppm	█ 103	---	---	---
Phosphorus	ppm	█ 998	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 129	---	---	---

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: VOLVO0096
Unique No: 11019004
Signed: Wes Davis
Report Date: 09 May 2024



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VOLVO GRAPHS

