



CONSTRUCTION EQUIPMENT

702525 LANE VOLVO EC200 314235 - REAR RIGHT FINAL DRIVE



Sample No: VCP454001
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 702525 LANE



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



SAMPLE INFORMATION

Sample Number	VCP454001	---	---	---
Sample Date	24 Apr 2024	---	---	---
Machine Hours	4521	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 208	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	▲ 145	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 5	---	---	---



WEAR METALS

Iron	ppm	▲ 812	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 6	---	---	---
Chromium	ppm	█ 8	---	---	---
Molybdenum	ppm	█ 13	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 8	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 265	---	---	---
Magnesium	ppm	█ 83	---	---	---
Zinc	ppm	█ 173	---	---	---
Phosphorus	ppm	█ 393	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 8	---	---	---

Diagnosis

We advise that you check all areas where dirt can enter the system. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. Gear wear is indicated. Elemental level of silicon (Si) above normal indicating ingress of dirt/seal material. The condition of the oil is acceptable for the time in service.

Depot: VOLVO0096
Unique No: 11005597
Signed: Jonathan Hester
Report Date: 03 May 2024



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VOLVO GRAPHS

