



CONSTRUCTION EQUIPMENT

VOLVO EC550EL 310021 - REAR RIGHT FINAL DRIVE



Sample No: VCP426718
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP426718	---	---	---
Sample Date	17 Aug 2023	---	---	---
Machine Hours	3545	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

ALTA EQUIPMENT COMPANY
 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
 Contact: TODD LARK
 tlark@altaequipfl.com
 T:
 F: (239)481-3302



OIL CONDITION

Visc @ 40°C	cSt	■ 239	---	---	---
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CONTAMINATION

Silicon	ppm	■ 62	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 0	---	---	---



WEAR METALS

Iron	ppm	▲ 1018	---	---	---
Copper	ppm	■ 2	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 11	---	---	---
Chromium	ppm	▲ 14	---	---	---
Molybdenum	ppm	■ 10	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 8	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	■ 156	---	---	---
Magnesium	ppm	■ 33	---	---	---
Zinc	ppm	■ 114	---	---	---
Phosphorus	ppm	■ 823	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 115	---	---	---

Diagnosis
 No corrective action is recommended at this time. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. Gear wear is indicated. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO0090
Unique No: 10620322
Signed: Sean Felton
Report Date: 28 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

