



CONSTRUCTION EQUIPMENT

SPM567370 N CONST VOLVO EC220ELR 314372 - REAR RIGHT FINAL DRIVE



Sample No: VCP427076
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: SPM567370 N CONST



SAMPLE INFORMATION

Sample Number	VCP427076	---	---	---
Sample Date	21 Jun 2023	---	---	---
Machine Hours	1984	---	---	---
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	█ 261	---	---	---
-------------	-----	-------	-----	-----	-----



CONTAMINATION

Silicon	ppm	▲ 117	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 11	---	---	---

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 levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	▲ 738	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	▲ 14	---	---	---
Chromium	ppm	█ 8	---	---	---
Molybdenum	ppm	█ 6	---	---	---
Nickel	ppm	3	---	---	---
Titanium	ppm	2	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 8	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 118	---	---	---
Magnesium	ppm	█ 34	---	---	---
Zinc	ppm	█ 75	---	---	---
Phosphorus	ppm	█ 758	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 118	---	---	---

Depot: VOLVO0096
Unique No: 10535189
Signed: Jonathan Hester
Report Date: 30 Jun 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

