



CONSTRUCTION EQUIPMENT

356039 CEMEX IND VOLVO EC220EL 314441 - REAR LEFT FINAL DRIVE



Sample No: VCP351122
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 356039 CEMEX IND



SAMPLE INFORMATION

Sample Number	VCP351122	---	---	---
Sample Date	24 Jan 2022	---	---	---
Machine Hours	734	---	---	---
Oil Hours	734	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

FREDERICK DERR AND COMPANY
 PO BOX 2719
 SARASOTA, FL
 US 34230
 Contact: ROBERT TENNANT
 ROBERT@FREDERICKDERRCOMPANY.COM
 T: (941)355-8575
 F:



OIL CONDITION

Visc @ 40°C	cSt	█ 165	---	---	---
-------------	-----	-------	-----	-----	-----



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 14	---	---	---
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. Gear wear is indicated. 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	▲ 511	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ 7	---	---	---
Molybdenum	ppm	█ 1	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 7	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 6	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 4	---	---	---
Phosphorus	ppm	█ 216	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 3	---	---	---

Depot: FRESAR
Unique No: 9869919
Signed: Jonathan Hester
Report Date: 03 Mar 2022



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

