



CONSTRUCTION EQUIPMENT

298680 CEMEX BROOKSV VOLVO EC140EL 311531 - REAR RIGHT FINAL DRIVE



Sample No: VCP422936
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 298680 CEMEX BROOKSV



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
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SAMPLE INFORMATION

Sample Number	VCP422936	---	---	---
Sample Date	05 Jul 2023	---	---	---
Machine Hours	1119	---	---	---
Oil Hours	500	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 144	---	---	---
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CONTAMINATION

Silicon	ppm	█ 38	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ <1	---	---	---



WEAR METALS

Iron	ppm	▲ 790	---	---	---
Copper	ppm	█ 5	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 13	---	---	---
Chromium	ppm	█ 10	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 4	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 11	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	▲ 239	---	---	---
Magnesium	ppm	█ 3	---	---	---
Zinc	ppm	█ 90	---	---	---
Phosphorus	ppm	▲ 571	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	▲ 0	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. Confirm oil type.

Depot: VOLVO0093
Unique No: 10551181
Signed: Sean Felton
Report Date: 13 Jul 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

