



CONSTRUCTION EQUIPMENT

SWA296490 ALL COUNTY VOLVO EC140E 314542 - REAR LEFT FINAL DRIVE



Sample No: VCP427181
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: SWA296490 ALL COUNTY



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
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SAMPLE INFORMATION

Sample Number	VCP427181	---	---	---
Sample Date	27 Jun 2023	---	---	---
Machine Hours	2063	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 136	---	---	---
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CONTAMINATION

Silicon	ppm	█ 71	---	---	---
Sodium	ppm	█ 6	---	---	---
Potassium	ppm	█ 3	---	---	---



WEAR METALS

Iron	ppm	▲ 1141	---	---	---
Copper	ppm	█ 4	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	▲ 56	---	---	---
Aluminum	ppm	█ 10	---	---	---
Chromium	ppm	▲ 20	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	6	---	---	---
Titanium	ppm	1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 20	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 58	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 48	---	---	---
Phosphorus	ppm	█ 379	---	---	---
Barium	ppm	█ 1	---	---	---
Boron	ppm	█ 0	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. Bearing and/or 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.

Depot: VOLVO0093
Unique No: 10547417
Signed: Doug Bogart
Report Date: 07 Jul 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

