



CONSTRUCTION EQUIPMENT

D12383 AF GELHAR VOLVO EC480E 310665 - FRONT RIGHT FINAL DRIVE



Sample No: VCP419010
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: D12383 AF GELHAR



SAMPLE INFORMATION

Sample Number	VCP419010	---	---	---
Sample Date	19 Aug 2023	---	---	---
Machine Hours	7352	---	---	---
Oil Hours	456	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

A F GELHAR CO INC
 PO BOX 126
 MARKESAN, WI
 US 53946
 Contact: SERVICE MANAGER



OIL CONDITION

Visc @ 40°C	cSt	█ 175	---	---	---
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T: (920)398-3566
 F:



CONTAMINATION

Silicon	ppm	█ 8	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 1	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. 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	█ 309	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ 4	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 4	---	---	---
Vanadium	ppm	█ <1	---	---	---



ADDITIVES

Calcium	ppm	█ 11	---	---	---
Magnesium	ppm	█ 4	---	---	---
Zinc	ppm	█ 11	---	---	---
Phosphorus	ppm	█ 330	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

Depot: AFGMAR
Unique No: 10619184
Signed: Don Baldrige
Report Date: 26 Aug 2023



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GRAPHS

