



CONSTRUCTION EQUIPMENT

2220-1 VOLVO EC300EL 315163 - FRONT LEFT FINAL DRIVE



Sample No: VCP369626
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 2220-1



SAMPLE INFORMATION

Sample Number	VCP369626	---	---	---
Sample Date	20 Feb 2023	---	---	---
Machine Hours	1239	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

McClung-Logan Virginia LLC
 PO BOX 1158
 WISE, VA
 US 24293
 Contact: DANNY BARRINGTON
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 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	█ 263	---	---	---
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CONTAMINATION

Silicon	ppm	█ 53	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 5	---	---	---

Diagnosis
 Resample at the next service interval to monitor. (SPROCKET BROKE OFF) 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	█ 434	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 16	---	---	---
Chromium	ppm	█ 12	---	---	---
Molybdenum	ppm	█ 1	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 5	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 10	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 0	---	---	---
Phosphorus	ppm	█ 705	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 121	---	---	---

Depot: VOLVO8881
Unique No: 10347784
Signed: Don Baldrige
Report Date: 22 Feb 2023



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GRAPHS

