



CONSTRUCTION EQUIPMENT

606160 VOLVO ECR235E 315257 - FRONT RIGHT FINAL DRIVE



Sample No: VCP421833
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 606160



SAMPLE INFORMATION

Sample Number	VCP421833	---	---	---
Sample Date	06 Sep 2023	---	---	---
Machine Hours	2117	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 180	---	---	---
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CONTAMINATION

Silicon	ppm	█ 29	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 5	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. 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	█ 234	---	---	---
Copper	ppm	█ 0	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ 8	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 4	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 9	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 12	---	---	---
Phosphorus	ppm	█ 342	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 1	---	---	---

Depot: VOLVO0096
Unique No: 10646469
Signed: Angela Borella
Report Date: 18 Sep 2023



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VOLVO GRAPHS

