



CONSTRUCTION EQUIPMENT

X54404 VOLVO EC250ELR 310694 - FRONT LEFT FINAL DRIVE



Sample No: VCP315471
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: X54404



SAMPLE INFORMATION

Sample Number	VCP315471	---	---	---
Sample Date	09 Mar 2021	---	---	---
Machine Hours	931	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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 PO BOX 997
 SAINT ROSE, LA
 US 70087
 Contact: DENISE CORVERS
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OIL CONDITION

Visc @ 40°C	cSt	█ 182	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 61	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 10	---	---	---

Diagnosis

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



WEAR METALS

Iron	ppm	▲ 541	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 10	---	---	---
Chromium	ppm	▲ 19	---	---	---
Molybdenum	ppm	█ 4	---	---	---
Nickel	ppm	1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ 9	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 47	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 23	---	---	---
Phosphorus	ppm	█ 426	---	---	---
Barium	ppm	█ 2	---	---	---
Boron	ppm	█ 3	---	---	---

Depot: SCOSAI
Unique No: 9403230
Signed: Jonathan Hester
Report Date: 12 Mar 2021



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VOLVO GRAPHS

