



CONSTRUCTION EQUIPMENT

X58251 VOLVO EC250ELR 310708 - REAR LEFT FINAL DRIVE



Sample No: VCP413447

Oil Type: NOT GIVEN

Job No: X58251



SAMPLE INFORMATION

Sample Number	VCP413447	---	---	---
Sample Date	11 Jul 2023	---	---	---
Machine Hours	2639	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	■ 302	---	---	---
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CONTAMINATION

Silicon	ppm	▲ 277	---	---	---
Sodium	ppm	■ 5	---	---	---
Potassium	ppm	■ 20	---	---	---

Diagnosis

We advise that you check all areas where dirt can enter the system. Resample at the next service interval to monitor. Gear wear is indicated. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	▲ 736	---	---	---
Copper	ppm	■ 2	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	▲ 52	---	---	---
Chromium	ppm	▲ 12	---	---	---
Molybdenum	ppm	2	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	3	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	8	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	52	---	---	---
Magnesium	ppm	7	---	---	---
Zinc	ppm	25	---	---	---
Phosphorus	ppm	954	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	73	---	---	---

Depot: SCOSAI
Unique No: 10560363
Signed: Don Baldrige
Report Date: 17 Jul 2023



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VOLVO GRAPHS

