



CONSTRUCTION EQUIPMENT

X58693 VOLVO EC350EL 310238 - REAR RIGHT FINAL DRIVE



Sample No: VCP413483
Oil Type: NOT GIVEN
Job No: X58693



SAMPLE INFORMATION

Sample Number	VCP413483	---	---	---
Sample Date	05 Oct 2023	---	---	---
Machine Hours	7972	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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 SAINT ROSE, LA
 US 70087
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OIL CONDITION

Visc @ 40°C	cSt	█ 183	---	---	---
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CONTAMINATION

Silicon	ppm	▲ 79	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 3	---	---	---

Diagnosis

We advise that you check all areas where dirt can enter the system. The oil change at the time of sampling has been noted. 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	▲ 648	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	▲ 14	---	---	---
Chromium	ppm	▲ 11	---	---	---
Molybdenum	ppm	1	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	6	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	26	---	---	---
Magnesium	ppm	6	---	---	---
Zinc	ppm	11	---	---	---
Phosphorus	ppm	151	---	---	---
Barium	ppm	3	---	---	---
Boron	ppm	<1	---	---	---

Depot: SCOSAI
Unique No: 10689345
Signed: Don Baldrige
Report Date: 16 Oct 2023



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VOLVO GRAPHS

