



CONSTRUCTION EQUIPMENT

X58251 VOLVO EC250ELR 310708 - SWING DRIVE



Sample No: VCP413435
Oil Type: NOT GIVEN
Job No: X58251



SAMPLE INFORMATION

Sample Number	VCP413435	---	---	---
Sample Date	11 Jul 2023	---	---	---
Machine Hours	2639	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	SEVERE	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 171	---	---	---
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CONTAMINATION

Water	%	▲ 0.343	---	---	---
Silicon	ppm	█ 14	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 1	---	---	---

Diagnosis

We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. All component wear rates are normal. There is a light concentration of water present in the oil. Excessive free water present. The oil is no longer serviceable due to the presence of contaminants.



WEAR METALS

Iron	ppm	█ 546	---	---	---
Copper	ppm	█ 15	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 9	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	10	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	19	---	---	---
Magnesium	ppm	4	---	---	---
Zinc	ppm	37	---	---	---
Phosphorus	ppm	447	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	3	---	---	---

Depot: SCOSAI
Unique No: 10560361
Signed: Don Baldrige
Report Date: 17 Jul 2023



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GRAPHS

