



CONSTRUCTION EQUIPMENT

X58161 VOLVO ECR235EL 311537 - SWING DRIVE



Sample No: VCP322922

Oil Type: NOT GIVEN

Job No: X58161



SAMPLE INFORMATION

Sample Number	VCP322922	---	---	---
Sample Date	07 Jul 2023	---	---	---
Machine Hours	4049	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---

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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	█ 187	---	---	---
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CONTAMINATION

Water	%	▲ 1.78	---	---	---
Silicon	ppm	█ 26	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 0	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. The copper level is abnormal. Gear wear is indicated. Appearance is milky. There is a light concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.



WEAR METALS

Iron	ppm	● 3541	---	---	---
Copper	ppm	▲ 63	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 8	---	---	---
Chromium	ppm	● 33	---	---	---
Molybdenum	ppm	6	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	2	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	29	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	8	---	---	---
Magnesium	ppm	2	---	---	---
Zinc	ppm	55	---	---	---
Phosphorus	ppm	684	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	6	---	---	---

Depot: SCOSAI
 Unique No: 10552839
 Signed: Don Baldrige
 Report Date: 14 Jul 2023



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GRAPHS

