



CONSTRUCTION EQUIPMENT

X58471 VOLVO EC250ELR 316068 - SWING DRIVE



Sample No: VCP413365
Oil Type: NOT GIVEN
Job No: X58471



SAMPLE INFORMATION

Sample Number	VCP413365	---	---	---
Sample Date	21 Aug 2023	---	---	---
Machine Hours	1719	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 165	---	---	---
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CONTAMINATION

Water	%	▲ 0.393	---	---	---
Silicon	ppm	█ 15	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 2	---	---	---



WEAR METALS

Iron	ppm	█ 941	---	---	---
Copper	ppm	▲ 123	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 4	---	---	---
Chromium	ppm	█ 11	---	---	---
Molybdenum	ppm	3	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	15	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	58	---	---	---
Magnesium	ppm	2	---	---	---
Zinc	ppm	94	---	---	---
Phosphorus	ppm	317	---	---	---
Barium	ppm	2	---	---	---
Boron	ppm	0	---	---	---

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. The copper level is abnormal. All other component wear rates are normal. Appearance is milky. Free water present. There is a moderate concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

Depot: SCOSAI
Unique No: 10617698
Signed: Jonathan Hester
Report Date: 25 Aug 2023



CONSTRUCTION EQUIPMENT



GRAPHS

