



CONSTRUCTION EQUIPMENT

11556 SIOUX FALLS LF VOLVO EC350EL 310712 - SWING DRIVE



Sample No: VCE63940
Oil Type: NOT GIVEN
Job No: 11556 SIOUX FALLS LF



SAMPLE INFORMATION

Sample Number	VCE63940	---	---	---
Sample Date	11 Oct 2023	---	---	---
Machine Hours	4790	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

TRANSOURCE TRUCK & EQUIPMENT

901 EAST 60TH STREET NORTH
SIOUX FALLS, SD
US 57104

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OIL CONDITION

Visc @ 40°C	cSt	█ 141	---	---	---
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CONTAMINATION

Water	%	▲ 1.02	---	---	---
Silicon	ppm	█ 53	---	---	---
Sodium	ppm	█ 27	---	---	---
Potassium	ppm	█ 11	---	---	---

Diagnosis

We advise that you check for the source of water entry. We recommend an early resample to monitor this condition. All component wear rates are normal. There is a high concentration of water present in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	█ 108	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 24	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	1	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	20	---	---	---
Magnesium	ppm	6	---	---	---
Zinc	ppm	0	---	---	---
Phosphorus	ppm	21	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	2	---	---	---

Depot: VOLVO0035
Unique No: 10751903
Signed: Jonathan Hester
Report Date: 22 Nov 2023



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GRAPHS

