



CONSTRUCTION EQUIPMENT

VOLVO EC350EL 310135 - FRONT RIGHT FINAL DRIVE



Sample No: VCP429883
Oil Type: NOT GIVEN
Job No:



SAMPLE INFORMATION

Sample Number	VCP429883	---	---	---
Sample Date	06 Nov 2023	---	---	---
Machine Hours	2280	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	SEVERE	---	---	---

TRAFALGAR HOMES OF TEXAS
 PO BOX 65
 STEPHENVILLE, TX
 US 76401
 Contact: MEGAN LETHERWOOD
 megleatherwood7@gmail.com
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	▲ 548	---	---	---
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CONTAMINATION

Water	%	● 8.40	---	---	---
Silicon	ppm	● 2621	---	---	---
Sodium	ppm	■ 5	---	---	---
Potassium	ppm	■ 73	---	---	---

Diagnosis

We advise that you check for the source of water entry. We advise that you check all areas where dirt can enter the system. We recommend that you drain the oil from the component if this has not already been done. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Please specify the brand, type, and viscosity of the oil on your next sample. Gear wear is indicated. There is a high concentration of water present in the oil. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The oil is no longer serviceable due to the presence of contaminants.



WEAR METALS

Iron	ppm	● 7066	---	---	---
Copper	ppm	■ 16	---	---	---
Lead	ppm	■ 4	---	---	---
Tin	ppm	■ 3	---	---	---
Aluminum	ppm	▲ 292	---	---	---
Chromium	ppm	● 58	---	---	---
Molybdenum	ppm	11	---	---	---
Nickel	ppm	■ 5	---	---	---
Titanium	ppm	■ 19	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	43	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	2140	---	---	---
Magnesium	ppm	71	---	---	---
Zinc	ppm	36	---	---	---
Phosphorus	ppm	480	---	---	---
Barium	ppm	1	---	---	---
Boron	ppm	78	---	---	---

Depot: TRASTETX
Unique No: 10739706
Signed: Sean Felton
Report Date: 15 Nov 2023

VOLVO **GRAPHS**

