



CONSTRUCTION EQUIPMENT

SWA319807 VOLVO EC350EL 314349 - REAR RIGHT FINAL DRIVE



Sample No: VCP386381

Oil Type: NOT GIVEN

Job No: SWA319807



SAMPLE INFORMATION

Sample Number	VCP386381	---	---	---
Sample Date	02 Aug 2023	---	---	---
Machine Hours	1455	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	SEVERE	---	---	---

ALTA EQUIPMENT

5985 COURT STREET ROAD
 SYRACUSE, NY
 US 13206
 Contact: JIM STRIGLE
 JIM.STRIGLE@ALTG.COM
 T: (315)437-2611
 F: (315)434-9471



OIL CONDITION

Visc @ 40°C	cSt	■ 519	---	---	---
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CONTAMINATION

Water	%	▲ 0.260	---	---	---
Silicon	ppm	◆ 5279	---	---	---
Sodium	ppm	■ 180	---	---	---
Potassium	ppm	■ 489	---	---	---

Diagnosis

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 light 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	◆ 8990	---	---	---
Copper	ppm	■ 16	---	---	---
Lead	ppm	■ 3	---	---	---
Tin	ppm	■ 3	---	---	---
Aluminum	ppm	▲ 704	---	---	---
Chromium	ppm	◆ 69	---	---	---
Molybdenum	ppm	10	---	---	---
Nickel	ppm	▲ 16	---	---	---
Titanium	ppm	■ 63	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	75	---	---	---
Vanadium	ppm	2	---	---	---



ADDITIVES

Calcium	ppm	2763	---	---	---
Magnesium	ppm	424	---	---	---
Zinc	ppm	22	---	---	---
Phosphorus	ppm	383	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	8	---	---	---

Depot: VOLV00142
Unique No: 10602878
Signed: Don Baldrige
Report Date: 15 Aug 2023



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GRAPHS

