



CONSTRUCTION EQUIPMENT

VOLVO EC200EL EC200EL3 14507 - REAR RIGHT FINAL DRIVE



Sample No: VCP0008101

Oil Type: NOT GIVEN

Job No:



SAMPLE INFORMATION

Sample Number	VCP0008101	---	---	---
Sample Date	01 Nov 2023	---	---	---
Machine Hours	1643	---	---	---
Oil Hours	1643	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

ALTA EQUIPMENT COMPANY

8750 PHILIPS HWY
JACKSONVILLE, FL
US 32256

Contact: TECHNICIAN ACCOUNT
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T:
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OIL CONDITION

Visc @ 40°C	cSt	■ 327	---	---	---
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CONTAMINATION

Silicon	ppm	▲ 199	---	---	---
Sodium	ppm	■ 26	---	---	---
Potassium	ppm	■ 16	---	---	---



WEAR METALS

Iron	ppm	▲ 1050	---	---	---
Copper	ppm	■ 1	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	▲ 16	---	---	---
Chromium	ppm	▲ 12	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	■ 6	---	---	---
Titanium	ppm	2	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	14	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	589	---	---	---
Magnesium	ppm	18	---	---	---
Zinc	ppm	14	---	---	---
Phosphorus	ppm	868	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	125	---	---	---

Diagnosis

We advise that you check all areas where dirt can enter the system. Resample at the next service interval to monitor. Gear wear is indicated. All other metal levels are typical for a new component breaking in. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The condition of the oil is acceptable for the time in service.

Depot: VOLVO0092
Unique No: 10726669
Signed: Don Baldrige
Report Date: 06 Nov 2023



CONSTRUCTION EQUIPMENT



GRAPHS

