



CONSTRUCTION EQUIPMENT

10654 WM VOLVO EC300EL 3 10989 - REAR LEFT FINAL DRIVE



Sample No: VCP412031
Oil Type: NOT GIVEN
Job No: 10654 WM



SAMPLE INFORMATION

Sample Number	VCP412031	---	---	---
Sample Date	14 Aug 2023	---	---	---
Machine Hours	4798	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

HOFFMAN EQUIPMENT - LIONVILLE
120 GORDON DRIVE
LIONVILLE, PA
US 19341
Contact: JIM FEHR
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T: (610)363-9200
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OIL CONDITION

Visc @ 40°C	cSt	332	---	---	---
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CONTAMINATION

Silicon	ppm	▲ 165	---	---	---
Sodium	ppm	■ 9	---	---	---
Potassium	ppm	■ 9	---	---	---

Diagnosis

We advise that you check all areas where dirt can enter the system. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. Gear wear is indicated. 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.



WEAR METALS

Iron	ppm	▲ 629	---	---	---
Copper	ppm	■ 4	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	▲ 24	---	---	---
Chromium	ppm	■ 8	---	---	---
Molybdenum	ppm	1	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	4	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	5	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	785	---	---	---
Magnesium	ppm	14	---	---	---
Zinc	ppm	260	---	---	---
Phosphorus	ppm	933	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	8	---	---	---

Depot: VOLVO8879
Unique No: 10606830
Signed: Jonathan Hester
Report Date: 18 Aug 2023



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VOLVO GRAPHS

