



# CONSTRUCTION EQUIPMENT

10654 WM VOLVO EC300EL 3 10989 - REAR RIGHT FINAL DRIVE



Sample No: VCP412029

Oil Type: NOT GIVEN

Job No: 10654 WM



## SAMPLE INFORMATION

Sample Number	VCP412029	---	---	---
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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## OIL CONDITION

Visc @ 40°C	cSt	298	---	---	---
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## CONTAMINATION

Silicon	ppm	▲ 127	---	---	---
Sodium	ppm	■ 4	---	---	---
Potassium	ppm	■ 6	---	---	---

## 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. All component wear rates are normal. 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	■ 289	---	---	---
Copper	ppm	■ <1	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	▲ 25	---	---	---
Chromium	ppm	■ 4	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	2	---	---	---
Silver	ppm	6	---	---	---
Manganese	ppm	3	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	533	---	---	---
Magnesium	ppm	11	---	---	---
Zinc	ppm	90	---	---	---
Phosphorus	ppm	660	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	<1	---	---	---

Depot: VOLVO8879

Unique No: 10606831

Signed: Jonathan Hester

Report Date: 18 Aug 2023



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## GRAPHS

