



CONSTRUCTION EQUIPMENT

677204 VOLVO EC350EL 3 10558 - REAR RIGHT FINAL DRIVE



Sample No: VCP320721
Oil Type: NOT GIVEN
Job No: 677204



SAMPLE INFORMATION

Sample Number	VCP320721	---	---	---
Sample Date	11 Aug 2021	---	---	---
Machine Hours	3118	---	---	---
Oil Hours	1118	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	168	---	---	---
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CONTAMINATION

Silicon	ppm	▲ 105	---	---	---
Sodium	ppm	■ 29	---	---	---
Potassium	ppm	■ 3	---	---	---

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	▲ 639	---	---	---
Copper	ppm	■ 1	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	▲ 14	---	---	---
Chromium	ppm	▲ 16	---	---	---
Molybdenum	ppm	1	---	---	---
Nickel	ppm	1	---	---	---
Titanium	ppm	1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	13	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	1197	---	---	---
Magnesium	ppm	46	---	---	---
Zinc	ppm	17	---	---	---
Phosphorus	ppm	479	---	---	---
Barium	ppm	3	---	---	---
Boron	ppm	2	---	---	---

Depot: VOLVO0096
Unique No: 9623233
Signed: Jonathan Hester
Report Date: 19 Aug 2021



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GRAPHS

