



CONSTRUCTION EQUIPMENT

SW-1402 SILVER SPUR VOLVO EC350EL 310021 - REAR RIGHT FINAL DRIVE



Sample No: VCP350305
Oil Type: GEAR OIL SAE 80W90
Job No: SW-1402 SILVER SPUR



SAMPLE INFORMATION

Sample Number	VCP350305	---	---	---
Sample Date	16 Mar 2022	---	---	---
Machine Hours	5995	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 144	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	▲ 134	---	---	---
Sodium	ppm	█ <1	---	---	---
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. 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	▲ 890	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	● 33	---	---	---
Chromium	ppm	█ 6	---	---	---
Molybdenum	ppm	█ 2	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	2	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 5	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 169	---	---	---
Magnesium	ppm	█ 12	---	---	---
Zinc	ppm	█ 39	---	---	---
Phosphorus	ppm	█ 524	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 3	---	---	---

Depot: VOLVO8770
Unique No: 9904693
Signed: Jonathan Hester
Report Date: 25 Mar 2022



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VOLVO GRAPHS

