



CONSTRUCTION EQUIPMENT

SPM540181 DET IRON VOLVO EC350 3 10600 - SWING DRIVE



Sample No: VCP404973
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: SPM540181 DET IRON



SAMPLE INFORMATION

Sample Number	VCP404973	VCP313293	---	---
Sample Date	25 Apr 2023	23 Apr 2021	---	---
Machine Hours	5980	3029	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ABNORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 138	█ 148	---	---
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CONTAMINATION

Silicon	ppm	█ <1	█ 0	---	---
Sodium	ppm	█ 0	█ <1	---	---
Potassium	ppm	█ <1	█ 0	---	---



WEAR METALS

Iron	ppm	█ 2	█ 1	---	---
Copper	ppm	█ 0	█ 0	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	█ 0	0	---	---
Aluminum	ppm	█ <1	0	---	---
Chromium	ppm	█ 0	<1	---	---
Molybdenum	ppm	█ 2	█ <1	---	---
Nickel	ppm	█ 0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ <1	█ 0	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	█ 47	█ <1	---	---
Magnesium	ppm	█ 29	█ 0	---	---
Zinc	ppm	█ 58	█ 6	---	---
Phosphorus	ppm	█ 504	█ 1832	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 3	█ 176	---	---

Diagnosis

No corrective action is recommended at this time. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO5023
Unique No: 10455743
Signed: Sean Felton
Report Date: 05 May 2023



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GRAPHS

