



CONSTRUCTION EQUIPMENT

379601 VOLVO EC700C 110606 - SWING DRIVE



Sample No: VCP429990
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 379601



SAMPLE INFORMATION

Sample Number	VCP429990	---	---	---
Sample Date	02 Oct 2023	---	---	---
Machine Hours	26833	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

STRONGCO EQUIPMENT (CE)

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OIL CONDITION

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

Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ <1	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	█ 200	---	---	---
Copper	ppm	█ 3	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ 1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 16	---	---	---
Magnesium	ppm	█ 3	---	---	---
Zinc	ppm	█ 14	---	---	---
Phosphorus	ppm	█ 1107	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 171	---	---	---

Depot: VOLVO0252
Unique No: 5657415
Signed: Wes Davis
Report Date: 11 Oct 2023



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GRAPHS

