



CONSTRUCTION EQUIPMENT

SPM581001 RENTAL VOLVO ECR355EL 314709 - SWING DRIVE



Sample No: VCP422925
Oil Type: GEAR OIL SAE 80W90
Job No: SPM581001 RENTAL



SAMPLE INFORMATION

Sample Number	VCP422925	---	---	---
Sample Date	24 Jul 2023	---	---	---
Machine Hours	530	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

ALTA CONSTRUCTION EQUIPMENT
613 E STEVENSON RD
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T:
F:



OIL CONDITION

Visc @ 40°C	cSt	█ 176	---	---	---
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CONTAMINATION

Silicon	ppm	█ 11	---	---	---
Sodium	ppm	█ 2	---	---	---
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	█ 69	---	---	---
Copper	ppm	█ 27	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 3	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 4	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 14	---	---	---
Phosphorus	ppm	█ 348	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

Depot: VOLVO5055
Unique No: 10589826
Signed: Wes Davis
Report Date: 08 Aug 2023



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GRAPHS

