



CONSTRUCTION EQUIPMENT

SPM580675 NEW SALES VOLVO EC160EL 314557 - SWING DRIVE



Sample No: VCP420186
Oil Type: GEAR OIL SAE 80W90
Job No: SPM580675 NEW SALES



ALTA EQUIPMENT CO - ORLAND PARK
5000 INDUSTRIAL HWY
GARY, IN
US 46406
Contact: DAVE ENG
DAVE.ENG@ALTG.COM
T: (312)350-2560
F:



SAMPLE INFORMATION

Sample Number	VCP420186	---	---	---
Sample Date	24 Jul 2023	---	---	---
Machine Hours	483	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 178	---	---	---
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CONTAMINATION

Silicon	ppm	█ 40	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ <1	---	---	---



WEAR METALS

Iron	ppm	█ 93	---	---	---
Copper	ppm	█ 79	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 5	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 5	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 3	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 52	---	---	---
Phosphorus	ppm	█ 346	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. Metal levels are typical for a new component breaking in. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO8885
Unique No: 10586789
Signed: Don Baldrige
Report Date: 04 Aug 2023



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GRAPHS

