



CONSTRUCTION EQUIPMENT

SW0069093 LANGFORD VOLVO EC480 314992 - SWING DRIVE



Sample No: VCP437803
Oil Type: {unknown}
Job No: SW0069093 LANGFORD



COWIN EQUIPMENT COMPANY INC - GUNTSVILLE
15101 ALABAMA HWY 20
MADISON, AL
US 35756
Contact: RANDY HARRIS
RHARRIS@COWIN.COM
T: (256)298-2322
F: (256)355-5250



SAMPLE INFORMATION

Sample Number	VCP437803	---	---	---
Sample Date	19 Jan 2024	---	---	---
Machine Hours	2030	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 166	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 14	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 2	---	---	---



WEAR METALS

Iron	ppm	█ 446	---	---	---
Copper	ppm	█ 54	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 4	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	7	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	6	---	---	---
Magnesium	ppm	<1	---	---	---
Zinc	ppm	91	---	---	---
Phosphorus	ppm	261	---	---	---
Barium	ppm	10	---	---	---
Boron	ppm	0	---	---	---

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.

Depot: COWMAD
Unique No: 10869493
Signed: Jonathan Hester
Report Date: 08 Feb 2024

VOLVO **GRAPHS**

