



CONSTRUCTION EQUIPMENT

RSO-031233 VOLVO EC250EL 310558 - SWING DRIVE



Sample No: VCP356812

Oil Type: NOT GIVEN

Job No: RSO-031233



SAMPLE INFORMATION

Sample Number	VCP356812	---	---	---
Sample Date	11 Aug 2022	---	---	---
Machine Hours	3179	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

COWIN EQUIPMENT COMPANY

2238 PINSON VALLEY PARKWAY
BIRMINGHAM, AL
US 35217

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OIL CONDITION

Visc @ 40°C	cSt	■ 348	---	---	---
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CONTAMINATION

Silicon	ppm	■ 4	---	---	---
Sodium	ppm	■ 0	---	---	---
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	■ 87	---	---	---
Copper	ppm	■ 2	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	1	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	18	---	---	---
Magnesium	ppm	2	---	---	---
Zinc	ppm	12	---	---	---
Phosphorus	ppm	1006	---	---	---
Barium	ppm	2	---	---	---
Boron	ppm	189	---	---	---

Depot: VOLVO8528
Unique No: 10091860
Signed: Doug Bogart
Report Date: 17 Aug 2022



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GRAPHS

