



CONSTRUCTION EQUIPMENT

A68786 VOLVO EC140BLC 12234 - SWING DRIVE



Sample No: VCP437236
Oil Type: GEAR OIL SAE 85W140
Job No: A68786



CHADWICK-BAROSS INC MAIN
 PO BOX 4500
 WESTBROOK, ME
 US 04098
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SAMPLE INFORMATION

Sample Number	VCP437236	---	---	---
Sample Date	23 Apr 2024	---	---	---
Machine Hours	5557	---	---	---
Oil Hours	5557	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	■ 308	---	---	---
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CONTAMINATION

Water	%	▲ 0.274	---	---	---
Silicon	ppm	■ 7	---	---	---
Sodium	ppm	■ 3	---	---	---
Potassium	ppm	■ 3	---	---	---



WEAR METALS

Iron	ppm	■ 231	---	---	---
Copper	ppm	■ 54	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 4	---	---	---
Aluminum	ppm	■ 4	---	---	---
Chromium	ppm	■ 3	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 3	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	■ 45	---	---	---
Magnesium	ppm	■ 4	---	---	---
Zinc	ppm	■ 59	---	---	---
Phosphorus	ppm	■ 1009	---	---	---
Barium	ppm	■ 2	---	---	---
Boron	ppm	■ 181	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is a light concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO0006
Unique No: 11004005
Signed: Jonathan Hester
Report Date: 01 May 2024



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GRAPHS

