



CONSTRUCTION EQUIPMENT

SPM689209 RENTAL VOLVO EC48C 315263 - RIGHT SWING DRIVE



Sample No: VCP383407
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: SPM689209 RENTAL



SAMPLE INFORMATION

Sample Number	VCP383407	---	---	---
Sample Date	01 Apr 2024	---	---	---
Machine Hours	1595	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 170	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 23	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 2	---	---	---

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	█ 128	---	---	---
Copper	ppm	█ 16	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 3	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 74	---	---	---
Magnesium	ppm	█ 1	---	---	---
Zinc	ppm	█ 54	---	---	---
Phosphorus	ppm	█ 334	---	---	---
Barium	ppm	█ 4	---	---	---
Boron	ppm	█ 3	---	---	---

Depot: VOLVO0095
Unique No: 10963656
Signed: Don Baldrige
Report Date: 06 Apr 2024



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GRAPHS

