



CONSTRUCTION EQUIPMENT

RA88 VOLVO EC200E 314983 - SWING DRIVE



Sample No: VCP374200
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: RA88



SAMPLE INFORMATION

Sample Number	VCP374200	---	---	---
Sample Date	28 Nov 2023	---	---	---
Machine Hours	534	---	---	---
Oil Hours	500	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 181	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 16	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ <1	---	---	---

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.



WEAR METALS

Iron	ppm	█ 93	---	---	---
Copper	ppm	█ 74	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 4	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 19	---	---	---
Magnesium	ppm	█ <1	---	---	---
Zinc	ppm	█ 44	---	---	---
Phosphorus	ppm	█ 319	---	---	---
Barium	ppm	█ 6	---	---	---
Boron	ppm	█ 0	---	---	---

Depot: VOLVO0080
Unique No: 10768672
Signed: Don Baldrige
Report Date: 06 Dec 2023



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GRAPHS

