



CONSTRUCTION EQUIPMENT

SW1029086 RENTAL VOLVO EC200E 315145 - SWING DRIVE



Sample No: VCP437345
Oil Type: GEAR OIL SAE 80W90
Job No: SW1029086 RENTAL



SAMPLE INFORMATION

Sample Number	VCP437345	---	---	---
Sample Date	19 Feb 2024	---	---	---
Machine Hours	456	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 172	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 19	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	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.



WEAR METALS

Iron	ppm	█ 198	---	---	---
Copper	ppm	█ 30	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 4	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 5	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 5	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 17	---	---	---
Phosphorus	ppm	█ 299	---	---	---
Barium	ppm	█ 2	---	---	---
Boron	ppm	█ 0	---	---	---

Depot: VOLVO6174
Unique No: 10898671
Signed: Jonathan Hester
Report Date: 28 Feb 2024



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GRAPHS

