



CONSTRUCTION EQUIPMENT

661333 HERC VOLVO EC200 314664 - SWING DRIVE



Sample No: VCP439234
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 661333 HERC



SAMPLE INFORMATION

Sample Number	VCP439234	---	---	---
Sample Date	23 Feb 2024	---	---	---
Machine Hours	1309	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 167	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 18	---	---	---
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	█ 197	---	---	---
Copper	ppm	█ 18	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 4	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 5	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 160	---	---	---
Magnesium	ppm	█ 1	---	---	---
Zinc	ppm	█ 97	---	---	---
Phosphorus	ppm	█ 473	---	---	---
Barium	ppm	█ 7	---	---	---
Boron	ppm	█ 4	---	---	---

Depot: VOLVO0096
Unique No: 10901582
Signed: Sean Felton
Report Date: 01 Mar 2024



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GRAPHS

