



CONSTRUCTION EQUIPMENT

714189 HERC VOLVO EC200 314670 - SWING DRIVE



Sample No: VCP449742
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 714189 HERC



SAMPLE INFORMATION

Sample Number	VCP449742	---	---	---
Sample Date	01 May 2024	---	---	---
Machine Hours	644	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 165	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 18	---	---	---
Sodium	ppm	█ 1	---	---	---
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	█ 115	---	---	---
Copper	ppm	█ 32	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ 1	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 4	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 69	---	---	---
Magnesium	ppm	█ 1	---	---	---
Zinc	ppm	█ 45	---	---	---
Phosphorus	ppm	█ 329	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 2	---	---	---

Depot: VOLVO0096
Unique No: 11019020
Signed: Don Baldrige
Report Date: 10 May 2024



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GRAPHS

