



CONSTRUCTION EQUIPMENT

HERC VOLVO ECR145 315945 - SWING DRIVE



Sample No: VCP440200
Oil Type: GEAR OIL SAE 85W140
Job No: HERC



SAMPLE INFORMATION

Sample Number	VCP440200	---	---	---
Sample Date	17 Jun 2024	---	---	---
Machine Hours	839	---	---	---
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	█ 17	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 2	---	---	---



WEAR METALS

Iron	ppm	█ 117	---	---	---
Copper	ppm	█ 25	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ 3	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 2	---	---	---
Magnesium	ppm	█ <1	---	---	---
Zinc	ppm	█ 28	---	---	---
Phosphorus	ppm	█ 345	---	---	---
Barium	ppm	█ 2	---	---	---
Boron	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.

Depot: VOLVO0093
Unique No: 11096789
Signed: Sean Felton
Report Date: 26 Jun 2024



CONSTRUCTION EQUIPMENT



GRAPHS

