



CONSTRUCTION EQUIPMENT

HERC RENTAL VOLVO ECR145 316581 - SWING DRIVE



Sample No: VCP444711
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: HERC RENTAL



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
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SAMPLE INFORMATION

Sample Number	VCP444711	---	---	---
Sample Date	20 Jun 2024	---	---	---
Machine Hours	1018	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 161	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 31	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 0	---	---	---



WEAR METALS

Iron	ppm	█ 116	---	---	---
Copper	ppm	▲ 108	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 4	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 7	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	● 20	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 77	---	---	---
Phosphorus	ppm	● 317	---	---	---
Barium	ppm	█ 2	---	---	---
Boron	ppm	● 4	---	---	---

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.

Depot: VOLVO0093
Unique No: 11099837
Signed: Don Baldrige
Report Date: 28 Jun 2024



CONSTRUCTION EQUIPMENT



GRAPHS

