



CONSTRUCTION EQUIPMENT

HERC RENTAL VOLVO ECR145 316581 - REAR RIGHT FINAL DRIVE



Sample No: VCP444722
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	VCP444722	---	---	---
Sample Date	20 Jun 2024	---	---	---
Machine Hours	1018	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 143	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 25	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 0	---	---	---



WEAR METALS

Iron	ppm	█ 541	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 22	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 10	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 9	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 26	---	---	---
Magnesium	ppm	█ <1	---	---	---
Zinc	ppm	█ 36	---	---	---
Phosphorus	ppm	█ 272	---	---	---
Barium	ppm	█ 2	---	---	---
Boron	ppm	█ 3	---	---	---

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: 11099829
Signed: Don Baldrige
Report Date: 28 Jun 2024



CONSTRUCTION EQUIPMENT



GRAPHS

