



# CONSTRUCTION EQUIPMENT

HERC RENTAL VOLVO ECR145 316581 - REAR LEFT FINAL DRIVE



**Sample No:** VCP444710  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** HERC RENTAL



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## SAMPLE INFORMATION

Sample Number	VCP444710	---	---	---
Sample Date	20 Jun 2024	---	---	---
Machine Hours	1018	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



## OIL CONDITION

Visc @ 40°C	cSt	█ 139	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 32	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ <1	---	---	---



## WEAR METALS

Iron	ppm	█ 553	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 28	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 12	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 9	---	---	---
Vanadium	ppm	<1	---	---	---



## ADDITIVES

Calcium	ppm	█ 39	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 41	---	---	---
Phosphorus	ppm	█ 265	---	---	---
Barium	ppm	█ 1	---	---	---
Boron	ppm	█ <1	---	---	---

## 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:** 11099833  
**Signed:** Don Baldrige  
**Report Date:** 28 Jun 2024



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## GRAPHS

