



# CONSTRUCTION EQUIPMENT

HERC RENTALS VOLVO ECR145 3 15949 - REAR RIGHT FINAL DRIVE



**Sample No:** VCP443806  
**Oil Type:** GEAR OIL SAE 85W140  
**Job No:** HERC RENTALS



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## SAMPLE INFORMATION

Sample Number	VCP443806	---	---	---
Sample Date	24 Jun 2024	---	---	---
Machine Hours	863	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



## OIL CONDITION

Visc @ 40°C	cSt	█ 135	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 14	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 2	---	---	---



## WEAR METALS

Iron	ppm	█ 237	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 14	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ 5	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ 4	---	---	---
Vanadium	ppm	<1	---	---	---



## ADDITIVES

Calcium	ppm	█ 3	---	---	---
Magnesium	ppm	█ 1	---	---	---
Zinc	ppm	█ 18	---	---	---
Phosphorus	ppm	█ 157	---	---	---
Barium	ppm	█ 1	---	---	---
Boron	ppm	█ 0	---	---	---

## Diagnosis

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:** 11103042  
**Signed:** Don Baldrige  
**Report Date:** 02 Jul 2024



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## GRAPHS

