



# CONSTRUCTION EQUIPMENT

HERC RENTALS VOLVO ECR145 315949 - SWING DRIVE



**Sample No:** VCP436156  
**Oil Type:** GEAR OIL SAE 85W140  
**Job No:** HERC RENTALS



## SAMPLE INFORMATION

Sample Number	VCP436156	---	---	---
Sample Date	24 Jun 2024	---	---	---
Machine Hours	863	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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## OIL CONDITION

Visc @ 40°C	cSt	█ 172	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 19	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	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.



## WEAR METALS

Iron	ppm	█ 147	---	---	---
Copper	ppm	█ 26	---	---	---
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	█ 124	---	---	---
Magnesium	ppm	█ 1	---	---	---
Zinc	ppm	█ 71	---	---	---
Phosphorus	ppm	359	---	---	---
Barium	ppm	█ 2	---	---	---
Boron	ppm	█ 5	---	---	---

**Depot:** VOLVO0093  
**Unique No:** 11103046  
**Signed:** Don Baldrige  
**Report Date:** 02 Jul 2024



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## GRAPHS

