



# CONSTRUCTION EQUIPMENT

18821 HERC RENTAL VOLVO EC350EL 314417 - REAR RIGHT FINAL DRIVE



**Sample No:** VCP420383  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** 18821 HERC RENTAL



## SAMPLE INFORMATION

Sample Number	VCP420383	---	---	---
Sample Date	21 Jun 2023	---	---	---
Machine Hours	535	---	---	---
Oil Hours	535	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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 GREENVILLE, NC  
 US 27834  
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 BRANDON.JENKINS@ASCENDUMMACHINERY.COM  
 T:  
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## OIL CONDITION

Visc @ 40°C	cSt	█ 159	---	---	---
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## CONTAMINATION

Silicon	ppm	▲ 124	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 7	---	---	---

## Diagnosis

We advise that you check all areas where dirt can enter the system. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. Gear wear is indicated. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The condition of the oil is acceptable for the time in service.



## WEAR METALS

Iron	ppm	▲ 448	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	▲ 23	---	---	---
Chromium	ppm	▲ 12	---	---	---
Molybdenum	ppm	█ 1	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	2	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 7	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	█ 11	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 2	---	---	---
Phosphorus	ppm	█ 381	---	---	---
Barium	ppm	█ 1	---	---	---
Boron	ppm	█ 4	---	---	---

**Depot:** VOLVO8769  
**Unique No:** 10538976  
**Signed:** Sean Felton  
**Report Date:** 05 Jul 2023



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## VOLVO GRAPHS

