



# CONSTRUCTION EQUIPMENT

## A11402 JMC VOLVO ECR235E 311598 - REAR RIGHT FINAL DRIVE



**Sample No:** VCP430647  
**Oil Type:** MOBIL MOBILUBE HD 80W90  
**Job No:** A11402 JMC



### SAMPLE INFORMATION

Sample Number	<b>VCP430647</b>	VCP288978	---	---
Sample Date	<b>31 Oct 2023</b>	19 Nov 2020	---	---
Machine Hours	<b>1145</b>	490	---	---
Oil Hours	<b>500</b>	490	---	---
Oil Changed	<b>N/A</b>	Changed	---	---
Sample Status	<b>NORMAL</b>	NORMAL	---	---

**HOFFMAN EQUIPMENT - LIONVILLE**  
 120 GORDON DRIVE  
 LIONVILLE, PA  
 US 19341  
 Contact: JIM FEHR  
 jim.fehr@hoffmanequip.com  
 T: (610)363-9200  
 F: (610)594-0829



### OIL CONDITION

Visc @ 40°C	cSt	<b>302</b>	█ 173	---	---
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### CONTAMINATION

Silicon	ppm	█ <b>50</b>	█ 18	---	---
Sodium	ppm	█ <b>2</b>	█ 2	---	---
Potassium	ppm	█ <b>2</b>	█ 3	---	---

### 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. Confirm oil type. The condition of the oil is acceptable for the time in service.



### WEAR METALS

Iron	ppm	█ <b>169</b>	█ 214	---	---
Copper	ppm	█ <b>0</b>	█ <1	---	---
Lead	ppm	█ <b>0</b>	█ <1	---	---
Tin	ppm	█ <b>0</b>	█ <1	---	---
Aluminum	ppm	█ <b>10</b>	█ 0	---	---
Chromium	ppm	█ <b>4</b>	█ 4	---	---
Molybdenum	ppm	█ <b>0</b>	█ 2	---	---
Nickel	ppm	█ <b>0</b>	<1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	█ <b>2</b>	█ 4	---	---
Vanadium	ppm	<b>0</b>	0	---	---



### ADDITIVES

Calcium	ppm	█ <b>31</b>	█ 42	---	---
Magnesium	ppm	█ <b>6</b>	█ 2	---	---
Zinc	ppm	█ <b>24</b>	█ 14	---	---
Phosphorus	ppm	█ <b>901</b>	█ 360	---	---
Barium	ppm	█ <b>1</b>	█ 2	---	---
Boron	ppm	█ <b>137</b>	█ 2	---	---

**Depot:** VOLVO8879  
**Unique No:** 10738400  
**Signed:** Don Baldrige  
**Report Date:** 14 Nov 2023



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## GRAPHS

