



# CONSTRUCTION EQUIPMENT

SWO-071297 TRIPLE R VOLVO EC380EL 315255 - SWING DRIVE



**Sample No:** VCP455434  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** SWO-071297 TRIPLE R



**COWIN EQUIPMENT COMPANY INC**  
 1501 HWY 78 EAST  
 OXFORD, AL  
 US 36203  
 Contact: MIKE PATTY  
 mpatty@cowin.com  
 T: (256)832-5053  
 F: (256)831-4295



## SAMPLE INFORMATION

Sample Number	VCP455434	---	---	---
Sample Date	17 Apr 2024	---	---	---
Machine Hours	463	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



## OIL CONDITION

Visc @ 40°C	cSt	█ 148	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 5	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 2	---	---	---



## WEAR METALS

Iron	ppm	█ 130	---	---	---
Copper	ppm	█ 8	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	<1	---	---	---



## ADDITIVES

Calcium	ppm	█ 5	---	---	---
Magnesium	ppm	█ 1	---	---	---
Zinc	ppm	█ 40	---	---	---
Phosphorus	ppm	█ 269	---	---	---
Barium	ppm	█ 3	---	---	---
Boron	ppm	█ 0	---	---	---

## 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.

**Depot:** COWOXF  
**Unique No:** 10991827  
**Signed:** Don Baldrige  
**Report Date:** 24 Apr 2024



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## GRAPHS

