



# CONSTRUCTION EQUIPMENT

## 370676 VOLVO ECR145D 2 10093 - FRONT RIGHT FINAL DRIVE



**Sample No:** VCP391769  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** 370676



### SAMPLE INFORMATION

Sample Number	VCP391769	---	---	---
Sample Date	29 Jun 2023	---	---	---
Machine Hours	9909	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

**STRONGCO EQUIPMENT INC.**  
 72 CHEMIN DU TREMBLAY  
 BOUCHERVILLE, QC  
 CA J4B 6Z6  
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### OIL CONDITION

Visc @ 40°C	cSt	97.5	---	---	---
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### CONTAMINATION

Silicon	ppm	278	---	---	---
Sodium	ppm	12	---	---	---
Potassium	ppm	15	---	---	---

### Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. Viscosity of sample indicates oil is within SAE 75W90 range, advise investigate. The condition of the oil is acceptable for the time in service.



### WEAR METALS

PQ		50	---	---	---
Iron	ppm	1407	---	---	---
Copper	ppm	3	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	20	---	---	---
Aluminum	ppm	46	---	---	---
Chromium	ppm	14	---	---	---
Molybdenum	ppm	23	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	4	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	9	---	---	---
Vanadium	ppm	<1	---	---	---



### ADDITIVES

Calcium	ppm	353	---	---	---
Magnesium	ppm	271	---	---	---
Zinc	ppm	451	---	---	---
Phosphorus	ppm	1007	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	105	---	---	---

**Depot:** SHEBOU  
**Unique No:** 5607231  
**Signed:** Kevin Marson  
**Report Date:** 19 Jul 2023



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## GRAPHS

