



# CONSTRUCTION EQUIPMENT

FONDERIE HORNE 8000392189 VOLVO ECR145EL 311565 - REAR RIGHT FINAL DRIVE



**Sample No:** VCP392413  
**Oil Type:** VOLVO API GL-5 SAE 75W90  
**Job No:** 8000392189



## SAMPLE INFORMATION

Sample Number	VCP392413	---	---	---
Sample Date	27 Jan 2024	---	---	---
Machine Hours	11176	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

**STRONGCO INC**  
 1730 RUE DE L'HYDRO  
 VAL D'OR, QC  
 CA J9P 6Z2  
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 T:  
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## OIL CONDITION

Visc @ 40°C	cSt	█ 133	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	▲ 91	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 3	---	---	---

## Diagnosis

We advise that you check all areas where dirt can enter the system. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. All component wear rates are normal. There is a moderate concentration of dirt present in the oil. The oil is no longer serviceable due to the presence of contaminants.



## WEAR METALS

Iron	ppm	█ 418	---	---	---
Copper	ppm	█ 66	---	---	---
Lead	ppm	█ 6	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 12	---	---	---
Chromium	ppm	█ 6	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 6	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ 8	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	64	---	---	---
Magnesium	ppm	12	---	---	---
Zinc	ppm	57	---	---	---
Phosphorus	ppm	974	---	---	---
Barium	ppm	█ 3	---	---	---
Boron	ppm	█ 189	---	---	---

**Depot:** VOLVO0229  
**Unique No:** 5722009  
**Signed:** Bill Quesnel  
**Report Date:** 01 Feb 2024



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## GRAPHS

