



# CONSTRUCTION EQUIPMENT

VINCI 392571 VOLVO EC950F 410078 - FRONT LEFT FINAL DRIVE



**Sample No:** VCP449385  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** 392571



## SAMPLE INFORMATION

Sample Number	VCP449385	---	---	---
Sample Date	09 Feb 2024	---	---	---
Machine Hours	3908	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

**STRONGCO EQUIPMENT--CALGARY**  
 7923 54TH STREET SE  
 CALGARY, AB  
 CA T2C 4R7  
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## OIL CONDITION

Visc @ 40°C	cSt	█ 151	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 34	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 3	---	---	---



## WEAR METALS

Iron	ppm	█ 224	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 9	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	█ 0	---	---	---



## ADDITIVES

Calcium	ppm	█ 14	---	---	---
Magnesium	ppm	█ 3	---	---	---
Zinc	ppm	█ 11	---	---	---
Phosphorus	ppm	█ 1768	---	---	---
Barium	ppm	█ 10	---	---	---
Boron	ppm	█ 81	---	---	---

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

**Depot:** VOLVO3909  
**Unique No:** 5734601  
**Signed:** Wes Davis  
**Report Date:** 22 Feb 2024



# CONSTRUCTION EQUIPMENT



## VOLVO GRAPHS

