



# CONSTRUCTION EQUIPMENT

714988 SENNEBOGEN 840 2345 - REAR LEFT FINAL DRIVE



**Sample No:** VCP454473  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** 714988



## SAMPLE INFORMATION

Sample Number	<b>VCP454473</b>	VCP431508	VCP421777	---
Sample Date	<b>14 May 2024</b>	11 Oct 2023	03 Apr 2023	---
Machine Hours	<b>3005</b>	2072	1029	---
Oil Hours	<b>1000</b>	1000	1029	---
Oil Changed	<b>Changed</b>	Changed	Changed	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

## FERROUS PROCESSING AND TRADING

3400 E LAFAYETTE  
 DETROIT, MI  
 US 48207

Contact: KEITH HALL  
 keith.hall@fpt1.com

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## OIL CONDITION

Visc @ 40°C	cSt	<b>140</b>	153	184	---
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## CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	<b>&lt;1</b>	5	2	---
Sodium	ppm	<b>2</b>	2	2	---
Potassium	ppm	<b>6</b>	0	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.



## WEAR METALS

Iron	ppm	<b>5</b>	8	19	---
Copper	ppm	<b>3</b>	5	7	---
Lead	ppm	<b>0</b>	0	0	---
Tin	ppm	<b>0</b>	0	0	---
Aluminum	ppm	<b>0</b>	0	<1	---
Chromium	ppm	<b>0</b>	0	0	---
Molybdenum	ppm	<b>0</b>	0	0	---
Nickel	ppm	<b>0</b>	0	0	---
Titanium	ppm	<b>0</b>	0	0	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>&lt;1</b>	<1	<1	---
Vanadium	ppm	<b>0</b>	0	0	---



## ADDITIVES

Calcium	ppm	<b>0</b>	5	16	---
Magnesium	ppm	<b>0</b>	13	2	---
Zinc	ppm	<b>0</b>	0	0	---
Phosphorus	ppm	<b>880</b>	1587	1025	---
Barium	ppm	<b>0</b>	66	331	---
Boron	ppm	<b>57</b>	173	<1	---

**Depot:** FERDET  
**Unique No:** 11034529  
**Signed:** Angela Borella  
**Report Date:** 21 May 2024



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## GRAPHS

