



# CONSTRUCTION EQUIPMENT

702364 SENNEBOGEN 850E 850.0.3178 - FRONT LEFT FINAL DRIVE



**Sample No:** VCP455277  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** 702364



## SAMPLE INFORMATION

Sample Number	VCP455277	VCP429501	---	---
Sample Date	25 Apr 2024	23 Oct 2023	---	---
Machine Hours	1592	217	---	---
Oil Hours	1000	217	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

### FERROUS PROCESSING AND TRADING

3400 E LAFAYETTE  
 DETROIT, MI  
 US 48207

Contact: KEITH HALL  
 keith.hall@fpt1.com

T:  
 F:



## OIL CONDITION

Visc @ 40°C	cSt	█ 133	█ 139	---	---
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## CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 2	█ 1	---	---
Sodium	ppm	█ 2	█ 7	---	---
Potassium	ppm	█ <1	█ <1	---	---

### 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	█ 42	█ 30	---	---
Copper	ppm	█ 3	█ 6	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	█ <1	█ 0	---	---
Aluminum	ppm	█ <1	█ 0	---	---
Chromium	ppm	█ 0	█ 0	---	---
Molybdenum	ppm	█ 0	█ 0	---	---
Nickel	ppm	█ 0	█ 0	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 2	█ 2	---	---
Vanadium	ppm	0	0	---	---



## ADDITIVES

Calcium	ppm	█ 11	█ 0	---	---
Magnesium	ppm	█ 2	█ 0	---	---
Zinc	ppm	█ 8	<1	---	---
Phosphorus	ppm	█ 948	█ 1528	---	---
Barium	ppm	█ <1	█ 0	---	---
Boron	ppm	█ 54	█ 136	---	---

**Depot:** FERDET  
**Unique No:** 11008053  
**Signed:** Don Baldrige  
**Report Date:** 06 May 2024



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## GRAPHS

