



# CONSTRUCTION EQUIPMENT

673784 SENNEBOGEN 840 2364 - RIGHT SWING DRIVE



**Sample No:** VCP442444  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** 673784



## SAMPLE INFORMATION

Sample Number	<b>VCP442444</b>	VCP424846	---	---
Sample Date	<b>20 Feb 2024</b>	27 Mar 2023	---	---
Machine Hours	<b>3131</b>	745	---	---
Oil Hours	<b>1131</b>	745	---	---
Oil Changed	<b>Changed</b>	Changed	---	---
Sample Status	<b>ABNORMAL</b>	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>203</b>	205	---	---
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## CONTAMINATION

Water	%	<b>NEG</b>	NEG	---	---
Silicon	ppm	<b>4</b>	8	---	---
Sodium	ppm	<b>1</b>	<1	---	---
Potassium	ppm	<b>2</b>	1	---	---

### Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. Bearing and/or gear wear is indicated. 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>436</b>	159	---	---
Copper	ppm	<b>192</b>	84	---	---
Lead	ppm	<b>0</b>	<1	---	---
Tin	ppm	<b>17</b>	10	---	---
Aluminum	ppm	<b>&lt;1</b>	1	---	---
Chromium	ppm	<b>3</b>	<1	---	---
Molybdenum	ppm	<b>&lt;1</b>	0	---	---
Nickel	ppm	<b>&lt;1</b>	<1	---	---
Titanium	ppm	<b>0</b>	0	---	---
Silver	ppm	<b>0</b>	0	---	---
Manganese	ppm	<b>5</b>	2	---	---
Vanadium	ppm	<b>0</b>	0	---	---



## ADDITIVES

Calcium	ppm	<b>19</b>	3	---	---
Magnesium	ppm	<b>2</b>	0	---	---
Zinc	ppm	<b>71</b>	11	---	---
Phosphorus	ppm	<b>183</b>	419	---	---
Barium	ppm	<b>0</b>	0	---	---
Boron	ppm	<b>4</b>	19	---	---

**Depot:** FERDET  
**Unique No:** 10901595  
**Signed:** Sean Felton  
**Report Date:** 01 Mar 2024



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## GRAPHS

