



# CONSTRUCTION EQUIPMENT

SPM578994 AMG SENNEBOGEN 835M 835.0.2002 - REAR LEFT FINAL DRIVE



**Sample No:** VCP422577  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** SPM578994 AMG



## SAMPLE INFORMATION

Sample Number	<b>VCP422577</b>	VCP406716	VCP328721	---
Sample Date	<b>07 Jul 2023</b>	14 Apr 2023	30 Aug 2021	---
Machine Hours	<b>8436</b>	13746	8073	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>Not Chngd</b>	Not Chngd	Changed	---
Sample Status	<b>ABNORMAL</b>	SEVERE	ABNORMAL	---

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## OIL CONDITION

Visc @ 40°C	cSt	<b>140</b>	146	144	---
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## CONTAMINATION

Silicon	ppm	<b>5</b>	9	2	---
Sodium	ppm	<b>0</b>	1	2	---
Potassium	ppm	<b>0</b>	0	<1	---

## Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper level is abnormal. All other 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>17</b>	54	32	---
Copper	ppm	<b>▲ 103</b>	370	▲ 100	---
Lead	ppm	<b>0</b>	0	0	---
Tin	ppm	<b>0</b>	0	<1	---
Aluminum	ppm	<b>&lt;1</b>	<1	2	---
Chromium	ppm	<b>0</b>	<1	<1	---
Molybdenum	ppm	<b>0</b>	<1	<1	---
Nickel	ppm	<b>0</b>	0	<1	---
Titanium	ppm	<b>0</b>	0	0	---
Silver	ppm	<b>0</b>	<1	<1	---
Manganese	ppm	<b>0</b>	1	<1	---
Vanadium	ppm	<b>0</b>	0	0	---

## ADDITIVES

Calcium	ppm	<b>57</b>	324	15	---
Magnesium	ppm	<b>0</b>	4	<1	---
Zinc	ppm	<b>76</b>	314	53	---
Phosphorus	ppm	<b>1097</b>	869	923	---
Barium	ppm	<b>0</b>	<1	0	---
Boron	ppm	<b>309</b>	139	168	---

**Depot:** VOLVO8885  
**Unique No:** 10574663  
**Signed:** Sean Felton  
**Report Date:** 28 Jul 2023



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## GRAPHS

