



# CONSTRUCTION EQUIPMENT

SPM580766 SENNEBOGEN 825M 825.0.3853 - FRONT LEFT FINAL DRIVE



**Sample No:** VCP420056  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** SPM580766



## SAMPLE INFORMATION

Sample Number	VCP420056	---	---	---
Sample Date	25 Jul 2023	---	---	---
Machine Hours	636	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	ATTENTION	---	---	---

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5000 INDUSTRIAL HWY  
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## OIL CONDITION

Visc @ 40°C	cSt	▲ 63.9	---	---	---
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## CONTAMINATION

Silicon	ppm	■ 5	---	---	---
Sodium	ppm	■ 18	---	---	---
Potassium	ppm	■ 0	---	---	---



## WEAR METALS

Iron	ppm	■ 20	---	---	---
Copper	ppm	■ 12	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	<1	---	---	---



## ADDITIVES

Calcium	ppm	■ 3368	---	---	---
Magnesium	ppm	■ 11	---	---	---
Zinc	ppm	■ 1391	---	---	---
Phosphorus	ppm	■ 1099	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 108	---	---	---

## 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 oil viscosity is lower than normal. Additive levels indicate the addition of a different brand, or type of oil. Confirm oil type.

**Depot:** VOLVO8885  
**Unique No:** 10586783  
**Signed:** Don Baldrige  
**Report Date:** 04 Aug 2023



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## VOLVO GRAPHS

