



# CONSTRUCTION EQUIPMENT

## SENNEBOGEN 830M 830.0.2862 - FRONT AXLE



**Sample No:** VCP0002998  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:**



### SAMPLE INFORMATION

Sample Number	VCP0002998	---	---	---
Sample Date	26 Jul 2022	---	---	---
Machine Hours	3997	---	---	---
Oil Hours	3997	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

**COMMERCIAL METALS COMPANY**  
 410 ATANDO AVE  
 CHARLOTTE, NC  
 US 28206  
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 F:

### OIL CONDITION

Visc @ 40°C	cSt	<span style="color: green;">■</span> 186	---	---	---
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### CONTAMINATION

Silicon	ppm	<span style="color: green;">■</span> 3	---	---	---
Sodium	ppm	<span style="color: green;">■</span> 3	---	---	---
Potassium	ppm	<span style="color: green;">■</span> 0	---	---	---

### 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 bushing wear is indicated. 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	<span style="color: green;">■</span> 32	---	---	---
Copper	ppm	<span style="color: orange;">▲</span> 62	---	---	---
Lead	ppm	<span style="color: green;">■</span> 0	---	---	---
Tin	ppm	<span style="color: green;">■</span> 0	---	---	---
Aluminum	ppm	<span style="color: green;">■</span> <1	---	---	---
Chromium	ppm	<span style="color: green;">■</span> <1	---	---	---
Molybdenum	ppm	<span style="color: green;">■</span> 0	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<span style="color: green;">■</span> <1	---	---	---
Vanadium	ppm	0	---	---	---

### ADDITIVES

Calcium	ppm	<span style="color: green;">■</span> 6	---	---	---
Magnesium	ppm	<span style="color: green;">■</span> 0	---	---	---
Zinc	ppm	<span style="color: green;">■</span> 39	---	---	---
Phosphorus	ppm	<span style="color: green;">■</span> 1067	---	---	---
Barium	ppm	<span style="color: green;">■</span> 357	---	---	---
Boron	ppm	<span style="color: green;">■</span> 0	---	---	---

**Depot:** COMCHAVC  
**Unique No:** 10072608  
**Signed:** Don Baldrige  
**Report Date:** 30 Jul 2022



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## VOLVO GRAPHS

