



# CONSTRUCTION EQUIPMENT

SPM581453 SENNEBOGAN 835M 835.0.2 195 - FRONT LEFT FINAL DRIVE



**Sample No:** VCP401721  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** SPM581453



## SAMPLE INFORMATION

Sample Number	<b>VCP401721</b>	VCP405694	---	---
Sample Date	<b>02 Aug 2023</b>	03 Apr 2023	---	---
Machine Hours	<b>18054</b>	17516	---	---
Oil Hours	<b>0</b>	0	---	---
Oil Changed	<b>Not Chngd</b>	Changed	---	---
Sample Status	<b>ABNORMAL</b>	NORMAL	---	---

## SIMS METAL MANAGEMENT

2500 S. PAULINA  
CHICAGO, IL  
US 60608  
Contact: RYAN WISE  
ryan.wise@simsmm.com  
T:  
F:



## OIL CONDITION

Visc @ 40°C	cSt	<b>141</b>	142	---	---
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## CONTAMINATION

Silicon	ppm	<b>6</b>	3	---	---
Sodium	ppm	<b>0</b>	1	---	---
Potassium	ppm	<b>1</b>	0	---	---



## WEAR METALS

Iron	ppm	<b>▲ 1149</b>	10	---	---
Copper	ppm	<b>8</b>	16	---	---
Lead	ppm	<b>&lt;1</b>	0	---	---
Tin	ppm	<b>0</b>	0	---	---
Aluminum	ppm	<b>2</b>	<1	---	---
Chromium	ppm	<b>4</b>	0	---	---
Molybdenum	ppm	<b>1</b>	<1	---	---
Nickel	ppm	<b>1</b>	<1	---	---
Titanium	ppm	<b>0</b>	0	---	---
Silver	ppm	<b>0</b>	0	---	---
Manganese	ppm	<b>15</b>	<1	---	---
Vanadium	ppm	<b>0</b>	0	---	---



## ADDITIVES

Calcium	ppm	<b>130</b>	11	---	---
Magnesium	ppm	<b>8</b>	4	---	---
Zinc	ppm	<b>72</b>	17	---	---
Phosphorus	ppm	<b>458</b>	428	---	---
Barium	ppm	<b>2</b>	0	---	---
Boron	ppm	<b>45</b>	36	---	---

## Diagnosis

No corrective action is recommended at this time. We recommend an early resample to monitor this condition. 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.

**Depot:** SIMCHIL  
**Unique No:** 10602430  
**Signed:** Sean Felton  
**Report Date:** 14 Aug 2023



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## VOLVO GRAPHS

