



# CONSTRUCTION EQUIPMENT

SPM595860 SENNEBOGEN 835ME 835.0.2718 - FRONT RIGHT FINAL DRIVE



**Sample No:** VCP415011  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** SPM595860



## SAMPLE INFORMATION

Sample Number	<b>VCP415011</b>	VCP423388	VCP399978	VCP343329
Sample Date	<b>12 Sep 2023</b>	25 May 2023	28 Feb 2023	19 Apr 2022
Machine Hours	<b>8383</b>	7855	7325	5222
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Chngd</b>	Changed	Changed	Changed
Sample Status	<b>NORMAL</b>	ABNORMAL	ABNORMAL	SEVERE

**BELSON STEEL**  
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## OIL CONDITION

Visc @ 40°C	cSt	<b>160</b>	134	164	166
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## CONTAMINATION

Silicon	ppm	<b>11</b>	6	6	13
Sodium	ppm	<b>11</b>	<1	2	<1
Potassium	ppm	<b>4</b>	<1	0	2

## Diagnosis

No corrective action is recommended at this time. 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 condition of the oil is acceptable for the time in service.



## WEAR METALS

Iron	ppm	<b>183</b>	34	97	174
Copper	ppm	<b>&lt;1</b>	▲ 125	▲ 205	◆ 427
Lead	ppm	<b>0</b>	<1	<1	1
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>3</b>	4	8	15
Chromium	ppm	<b>6</b>	0	<1	1
Molybdenum	ppm	<b>&lt;1</b>	<1	1	2
Nickel	ppm	<b>&lt;1</b>	0	0	0
Titanium	ppm	<b>&lt;1</b>	<1	0	<1
Silver	ppm	<b>0</b>	0	0	3
Manganese	ppm	<b>6</b>	4	7	14
Vanadium	ppm	<b>0</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>31</b>	976	964	2273
Magnesium	ppm	<b>2</b>	13	13	30
Zinc	ppm	<b>8</b>	508	443	1051
Phosphorus	ppm	<b>287</b>	1557	1513	1156
Barium	ppm	<b>0</b>	0	1	0
Boron	ppm	<b>0</b>	113	91	39

**Depot:** BELBOU  
**Unique No:** 10658457  
**Signed:** Doug Bogart  
**Report Date:** 22 Sep 2023



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## VOLVO GRAPHS

