



# CONSTRUCTION EQUIPMENT

SPM646181 SENNEBOGEN 835ME 835.0.2718 - REAR LEFT FINAL DRIVE



**Sample No:** VCP433817  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** SPM646181



## SAMPLE INFORMATION

Sample Number	<b>VCP433817</b>	VCP415008	VCP423389	VCP399986
Sample Date	<b>07 Dec 2023</b>	12 Sep 2023	25 May 2023	28 Feb 2023
Machine Hours	<b>8880</b>	8383	7855	7325
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Not Chngd	Changed	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

**BELSON STEEL**  
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## OIL CONDITION

Visc @ 40°C	cSt	<b>137</b>	159	145	150
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## CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>2</b>	11	2	2
Sodium	ppm	<b>&lt;1</b>	11	0	1
Potassium	ppm	<b>&lt;1</b>	4	<1	<1

## 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 condition of the oil is acceptable for the time in service.



## WEAR METALS

Iron	ppm	<b>40</b>	186	9	39
Copper	ppm	<b>20</b>	<1	6	20
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>&lt;1</b>	0	0	0
Aluminum	ppm	<b>&lt;1</b>	3	0	<1
Chromium	ppm	<b>0</b>	6	0	<1
Molybdenum	ppm	<b>0</b>	<1	0	0
Nickel	ppm	<b>0</b>	<1	0	0
Titanium	ppm	<b>0</b>	<1	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>1</b>	6	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>39</b>	58	143	52
Magnesium	ppm	<b>&lt;1</b>	2	4	<1
Zinc	ppm	<b>23</b>	17	71	34
Phosphorus	ppm	<b>653</b>	288	1871	1783
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>20</b>	0	169	107

**Depot:** BELBOU  
**Unique No:** 10793382  
**Signed:** Wes Davis  
**Report Date:** 19 Dec 2023



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## GRAPHS

