



# CONSTRUCTION EQUIPMENT

SPM621711 BL DUKE SENNEBOGEN 835ME 835.0.2810 - FRONT LEFT FINAL DRIVE



**Sample No:** VCP416913  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** SPM621711 BL DUKE



## SAMPLE INFORMATION

Sample Number	<b>VCP416913</b>	VCP383252	VCP397578	VCP364736
Sample Date	<b>09 Nov 2023</b>	09 Mar 2023	28 Feb 2023	15 Aug 2022
Machine Hours	<b>6955</b>	5516	5387	4111
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Not Chngd	Changed	Changed
Sample Status	<b>NORMAL</b>	NORMAL	ABNORMAL	NORMAL

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## OIL CONDITION

Visc @ 40°C	cSt	<b>198</b>	134	197	199
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## CONTAMINATION

Silicon	ppm	<b>16</b>	<1	21	18
Sodium	ppm	<b>2</b>	0	2	3
Potassium	ppm	<b>0</b>	1	1	0

## 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>121</b>	4	175	200
Copper	ppm	<b>21</b>	2	▲ 507	41
Lead	ppm	<b>0</b>	0	▲ 43	<1
Tin	ppm	<b>0</b>	<1	▲ 12	<1
Aluminum	ppm	<b>&lt;1</b>	1	2	4
Chromium	ppm	<b>0</b>	0	2	2
Molybdenum	ppm	<b>0</b>	5	2	1
Nickel	ppm	<b>0</b>	0	<1	<1
Titanium	ppm	<b>0</b>	0	0	<1
Silver	ppm	<b>0</b>	0	<1	0
Manganese	ppm	<b>2</b>	0	2	5
Vanadium	ppm	<b>0</b>	0	<1	0

## ADDITIVES

Calcium	ppm	<b>2293</b>	120	1872	1420
Magnesium	ppm	<b>13</b>	78	11	11
Zinc	ppm	<b>1039</b>	116	832	737
Phosphorus	ppm	<b>943</b>	963	764	787
Barium	ppm	<b>20</b>	0	0	48
Boron	ppm	<b>&lt;1</b>	237	38	4

**Depot:** VOLVO8885  
**Unique No:** 10738441  
**Signed:** Sean Felton  
**Report Date:** 14 Nov 2023



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## GRAPHS

