



# CONSTRUCTION EQUIPMENT

## SPM621417 SENNEBOGEN 825ME 825.0.3425 - FRONT LEFT FINAL DRIVE



**Sample No:** VCP415040  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** SPM621417



### SAMPLE INFORMATION

Sample Number	<b>VCP415040</b>	VCP423415	VCP404956	VCP387556
Sample Date	<b>18 Oct 2023</b>	08 Jun 2023	29 Mar 2023	06 Sep 2022
Machine Hours	<b>7157</b>	5757	5489	3985
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Changed	Not Changd	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

**ALL AMERICAN RECYCLING**  
 11900 S COTTAGE GROVE AVE  
 CHICAGO, IL  
 US 60628  
 Contact: TOM BOCHENEK  
 ferrous@aarecyclcles.com  
 T: (815)735-9892  
 F:



### OIL CONDITION

Visc @ 40°C	cSt	<b>147</b>	178	183	155
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### CONTAMINATION

Silicon	ppm	<b>6</b>	11	13	10
Sodium	ppm	<b>6</b>	3	4	4
Potassium	ppm	<b>0</b>	<1	0	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>41</b>	30	40	28
Copper	ppm	<b>8</b>	5	7	21
Lead	ppm	<b>0</b>	<1	0	<1
Tin	ppm	<b>0</b>	<1	0	0
Aluminum	ppm	<b>0</b>	<1	1	1
Chromium	ppm	<b>0</b>	<1	<1	<1
Molybdenum	ppm	<b>0</b>	<1	<1	<1
Nickel	ppm	<b>0</b>	<1	0	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	<1	0	<1
Manganese	ppm	<b>0</b>	<1	1	<1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>1370</b>	2757	2614	2474
Magnesium	ppm	<b>7</b>	13	14	12
Zinc	ppm	<b>601</b>	1250	1068	1018
Phosphorus	ppm	<b>725</b>	932	863	853
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>4</b>	20	6	0

**Depot:** ALLCHILL  
**Unique No:** 10738466  
**Signed:** Sean Felton  
**Report Date:** 14 Nov 2023

**VOLVO** GRAPHS

