



# CONSTRUCTION EQUIPMENT

## 729 SENNEBOGEN 835E 835.0.2394 - FRONT LEFT FINAL DRIVE



**Sample No:** VCP424150  
**Oil Type:** MOBIL 75W90  
**Job No:** 729



### SAMPLE INFORMATION

Sample Number	<b>VCP424150</b>	VCP397607	VCP295724	VCP234326
Sample Date	<b>04 Nov 2023</b>	07 Feb 2023	21 Dec 2020	15 May 2019
Machine Hours	<b>11082</b>	9773	6211	2594
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Changed	Not Changd	Not Changd
Sample Status	<b>NORMAL</b>	NORMAL	ABNORMAL	NORMAL

**SIMS METAL**  
 130 NORTH 12TH ST  
 SACRAMENTO, CA  
 US 95814  
 Contact: EVERT



### OIL CONDITION

Visc @ 40°C	cSt	<b>138</b>	146	140	140
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T: (916)769-7864  
 F:



### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>3</b>	4	3	3
Sodium	ppm	<b>1</b>	2	2	3
Potassium	ppm	<b>2</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>98</b>	105	40	26
Copper	ppm	<b>35</b>	39	▲ 77	38
Lead	ppm	<b>0</b>	<1	2	0
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>1</b>	2	0	0
Chromium	ppm	<b>&lt;1</b>	<1	<1	<1
Molybdenum	ppm	<b>&lt;1</b>	0	<1	0
Nickel	ppm	<b>&lt;1</b>	<1	0	0
Titanium	ppm	<b>&lt;1</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	<1
Manganese	ppm	<b>2</b>	2	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>38</b>	6	5	2
Magnesium	ppm	<b>4</b>	1	<1	0
Zinc	ppm	<b>36</b>	30	34	16
Phosphorus	ppm	<b>1149</b>	941	923	938
Barium	ppm	<b>7</b>	23	21	18
Boron	ppm	<b>201</b>	180	146	146

**Depot:** SIMSACCA  
**Unique No:** 10754581  
**Signed:** Jonathan Hester  
**Report Date:** 27 Nov 2023



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## GRAPHS

