



# CONSTRUCTION EQUIPMENT

729 SENNEBOGEN 835E 835.0.2394 - FRONT AXLE



**Sample No:** VCP424153  
**Oil Type:** MOBIL 75W90  
**Job No:** 729



## SAMPLE INFORMATION

Sample Number	<b>VCP424153</b>	VCP397628	VCP295745	VCP295744
Sample Date	<b>04 Nov 2023</b>	07 Feb 2023	21 Dec 2020	21 Dec 2020
Machine Hours	<b>11082</b>	9773	6211	6211
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	ABNORMAL

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



## OIL CONDITION

Visc @ 40°C	cSt	<b>135</b>	145	141	138
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T: (916)769-7864  
F:



## CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>&lt;1</b>	3	3	2
Sodium	ppm	<b>0</b>	0	1	<1
Potassium	ppm	<b>2</b>	10	0	2

## 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>1</b>	7	38	3
Copper	ppm	<b>8</b>	31	<b>78</b>	49
Lead	ppm	<b>0</b>	<1	0	0
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>1</b>	0	<1	<1
Chromium	ppm	<b>&lt;1</b>	0	<1	<1
Molybdenum	ppm	<b>&lt;1</b>	0	1	<1
Nickel	ppm	<b>0</b>	<1	<1	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>0</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>59</b>	6	5	6
Magnesium	ppm	<b>4</b>	1	1	2
Zinc	ppm	<b>22</b>	17	35	26
Phosphorus	ppm	<b>934</b>	984	904	923
Barium	ppm	<b>0</b>	0	21	6
Boron	ppm	<b>157</b>	212	146	157

**Depot:** SIMSACCA  
**Unique No:** 10754594  
**Signed:** Jonathan Hester  
**Report Date:** 27 Nov 2023



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## GRAPHS

