



# CONSTRUCTION EQUIPMENT

## SENNEBOGEN 825 825.0.2121 - REAR AXLE



**Sample No:** VCP327405  
**Oil Type:** VG 220  
**Job No:**



### SAMPLE INFORMATION

Sample Number	VCP327405	---	---	---
Sample Date	16 Dec 2023	---	---	---
Machine Hours	10997	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

### UNITED SCRAP

1545 S CICERO AVE  
 CICERO, IL  
 US 60804  
 Contact: RON LUCHTENBURG  
 rluchten@unitedscrap.com  
 T:  
 F:



### OIL CONDITION

Visc @ 40°C	cSt	▲ 53.4	---	---	---
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### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 8	---	---	---
Sodium	ppm	■ 16	---	---	---
Potassium	ppm	■ <1	---	---	---

### Diagnosis

The oil change at the time of sampling has been noted. 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 oil viscosity is lower than normal. Confirm oil type.



### WEAR METALS

Iron	ppm	■ 44	---	---	---
Copper	ppm	■ 17	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---



### ADDITIVES

Calcium	ppm	3593	---	---	---
Magnesium	ppm	15	---	---	---
Zinc	ppm	1560	---	---	---
Phosphorus	ppm	1277	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	110	---	---	---

**Depot:** UNICICIL  
**Unique No:** 10803048  
**Signed:** Don Baldrige  
**Report Date:** 24 Dec 2023



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## GRAPHS

