



CONSTRUCTION EQUIPMENT

SENNEBOGEN 825 825.0.2121 - FRONT AXLE



Sample No: VCP327411

Oil Type: VG 220

Job No:



SAMPLE INFORMATION

Sample Number	VCP327411	---	---	---
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	▲ 54.4	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 12	---	---	---
Sodium	ppm	■ 15	---	---	---
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	■ 22	---	---	---
Copper	ppm	■ 3	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 1	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	5	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	3489	---	---	---
Magnesium	ppm	14	---	---	---
Zinc	ppm	1503	---	---	---
Phosphorus	ppm	1233	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	112	---	---	---

Depot: UNICICIL
Unique No: 10803049
Signed: Don Baldrige
Report Date: 24 Dec 2023



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GRAPHS

