



# CONSTRUCTION EQUIPMENT

SIMS SENNEBOGEN 830 830.0.3197 - SWING DRIVE



**Sample No:** VCP401638  
**Oil Type:** MOBIL SHC 630  
**Job No:** SIMS



## SAMPLE INFORMATION

Sample Number	VCP401638	---	---	---
Sample Date	15 May 2023	---	---	---
Machine Hours	2002	---	---	---
Oil Hours	2000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

**GREEN MACHINE SERVICES LLC**  
13 SPYROS DRIVE  
SOUTH AMBOY, NJ  
US 08879  
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## OIL CONDITION

Visc @ 40°C	cSt	■ 200	---	---	---
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## CONTAMINATION

Silicon	ppm	■ 3	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 1	---	---	---

## Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. All other 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	▲ 469	---	---	---
Copper	ppm	■ 139	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 14	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 4	---	---	---
Vanadium	ppm	0	---	---	---

## ADDITIVES

Calcium	ppm	■ 21	---	---	---
Magnesium	ppm	■ 2	---	---	---
Zinc	ppm	■ 56	---	---	---
Phosphorus	ppm	■ 184	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 21	---	---	---

**Depot:** GRESOUNJ  
**Unique No:** 10506790  
**Signed:** Don Baldrige  
**Report Date:** 09 Jun 2023



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## GRAPHS

