



# CONSTRUCTION EQUIPMENT

SIMS SENNEBOGEN 830 830.0.3197 - SWING DRIVE



**Sample No:** VCP430810  
**Oil Type:** MOBIL SHC 630  
**Job No:** SIMS



## SAMPLE INFORMATION

Sample Number	<b>VCP430810</b>	VCP401638	---	---
Sample Date	<b>17 Nov 2023</b>	15 May 2023	---	---
Machine Hours	<b>2861</b>	2002	---	---
Oil Hours	<b>0</b>	2000	---	---
Oil Changed	<b>Not Chngd</b>	Changed	---	---
Sample Status	<b>ABNORMAL</b>	ABNORMAL	---	---

**GREEN MACHINE SERVICES LLC**  
 13 SPYROS DRIVE  
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 US 08879  
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## OIL CONDITION

Visc @ 40°C	cSt	<b>192</b>	200	---	---
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## CONTAMINATION

Water	%	<b>▲ 0.356</b>	NEG	---	---
Silicon	ppm	<b>10</b>	3	---	---
Sodium	ppm	<b>2</b>	2	---	---
Potassium	ppm	<b>2</b>	1	---	---

## Diagnosis

We advise that you check for the source of water entry. Resample at the next service interval to monitor. Gear wear is indicated. There is a moderate concentration of water present in the oil. The condition of the oil is acceptable for the time in service.



## WEAR METALS

Iron	ppm	<b>▲ 513</b>	469	---	---
Copper	ppm	<b>165</b>	139	---	---
Lead	ppm	<b>0</b>	0	---	---
Tin	ppm	<b>15</b>	14	---	---
Aluminum	ppm	<b>2</b>	<1	---	---
Chromium	ppm	<b>3</b>	2	---	---
Molybdenum	ppm	<b>1</b>	<1	---	---
Nickel	ppm	<b>&lt;1</b>	0	---	---
Titanium	ppm	<b>&lt;1</b>	0	---	---
Silver	ppm	<b>0</b>	0	---	---
Manganese	ppm	<b>4</b>	4	---	---
Vanadium	ppm	<b>0</b>	0	---	---



## ADDITIVES

Calcium	ppm	<b>22</b>	21	---	---
Magnesium	ppm	<b>2</b>	2	---	---
Zinc	ppm	<b>60</b>	56	---	---
Phosphorus	ppm	<b>222</b>	184	---	---
Barium	ppm	<b>0</b>	0	---	---
Boron	ppm	<b>17</b>	21	---	---

**Depot:** GRESOUNJ  
**Unique No:** 10756751  
**Signed:** Jonathan Hester  
**Report Date:** 29 Nov 2023



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## GRAPHS

