



# CONSTRUCTION EQUIPMENT

703489 IHFT SENNEBOGEN 830R 2296 - SWING DRIVE



**Sample No:** VCP454548  
**Oil Type:** MOBIL MOBILGEAR SHC 220  
**Job No:** 703489 IHFT



## SAMPLE INFORMATION

Sample Number	VCP454548	VCP399393	---	---
Sample Date	24 May 2024	09 Feb 2023	---	---
Machine Hours	3753	619	---	---
Oil Hours	2000	2000	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

**ALTA EQUIPMENT COMPANY - METRO WEST**  
56195 PONTIAC TRAIL  
NEW HUDSON, MI  
US 48165  
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## OIL CONDITION

Visc @ 40°C	cSt	█ 205	█ 208	---	---
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## CONTAMINATION

Water	%	NEG	█ 0.122	---	---
Silicon	ppm	█ 4	█ 5	---	---
Sodium	ppm	█ <1	█ 0	---	---
Potassium	ppm	█ 1	█ 2	---	---

## 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	▲ 426	█ 406	---	---
Copper	ppm	█ 66	█ 78	---	---
Lead	ppm	█ 2	█ 2	---	---
Tin	ppm	█ 6	█ 5	---	---
Aluminum	ppm	█ <1	█ <1	---	---
Chromium	ppm	█ 3	█ 3	---	---
Molybdenum	ppm	█ <1	█ 6	---	---
Nickel	ppm	█ <1	█ 0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	█ 3	█ 3	---	---
Vanadium	ppm	<1	0	---	---



## ADDITIVES

Calcium	ppm	█ 93	█ 124	---	---
Magnesium	ppm	█ 3	█ 55	---	---
Zinc	ppm	█ 51	█ 154	---	---
Phosphorus	ppm	█ 332	█ 412	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 20	█ 25	---	---

**Depot:** VOLVO2990  
**Unique No:** 11049302  
**Signed:** Don Baldrige  
**Report Date:** 30 May 2024



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## GRAPHS

