



# CONSTRUCTION EQUIPMENT

703487 IHFT SENNEBOGEN 830 830.0.2435 - SWING DRIVE



**Sample No:** VCP453513  
**Oil Type:** MOBIL 220  
**Job No:** 703487 IHFT



## SAMPLE INFORMATION

Sample Number	VCP453513	---	---	---
Sample Date	15 May 2024	---	---	---
Machine Hours	15591	---	---	---
Oil Hours	2000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---

**ALTA EQUIPMENT COMPANY - METRO WEST**  
56195 PONTIAC TRAIL  
NEW HUDSON, MI  
US 48165  
Contact: PAUL CONZ  
paul.conz@altg.com  
T:  
F: (248)356-2029



## OIL CONDITION

Visc @ 40°C	cSt	■ 209	---	---	---
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## CONTAMINATION

Water	%	▲ 0.514	---	---	---
Silicon	ppm	■ 15	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 9	---	---	---

## Diagnosis

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Bearing and/or bushing wear is indicated. Gear wear is indicated. There is a moderate concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.



## WEAR METALS

Iron	ppm	▲ 798	---	---	---
Copper	ppm	▲ 440	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	▲ 18	---	---	---
Aluminum	ppm	■ 1	---	---	---
Chromium	ppm	■ 6	---	---	---
Molybdenum	ppm	1	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	6	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	46	---	---	---
Magnesium	ppm	0	---	---	---
Zinc	ppm	126	---	---	---
Phosphorus	ppm	369	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	40	---	---	---

**Depot:** VOLVO2990  
**Unique No:** 11034511  
**Signed:** Don Baldrige  
**Report Date:** 21 May 2024



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## GRAPHS

