



# CONSTRUCTION EQUIPMENT

647498 GERDAU SENNEBOGEN 850 3143 - RIGHT SWING DRIVE



**Sample No:** VCP439605  
**Oil Type:** MOBIL MOBILGEAR SHC 220  
**Job No:** 647498 GERDAU



## SAMPLE INFORMATION

Sample Number	VCP439605	VCP414133	---	---
Sample Date	17 Jan 2024	28 Jun 2023	---	---
Machine Hours	4697	2398	---	---
Oil Hours	2697	2000	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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

Visc @ 40°C	cSt	█ 210	█ 179	---	---
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## CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 2	█ 3	---	---
Sodium	ppm	█ 0	█ 2	---	---
Potassium	ppm	█ 2	█ 1	---	---

## Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



## WEAR METALS

Iron	ppm	█ 116	█ 320	---	---
Copper	ppm	█ 68	█ 75	---	---
Lead	ppm	█ <1	█ 0	---	---
Tin	ppm	█ 5	█ 8	---	---
Aluminum	ppm	█ 1	█ <1	---	---
Chromium	ppm	█ <1	█ 1	---	---
Molybdenum	ppm	█ <1	█ 0	---	---
Nickel	ppm	█ 0	█ 0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 1	█ 4	---	---
Vanadium	ppm	0	0	---	---



## ADDITIVES

Calcium	ppm	█ 19	█ 4	---	---
Magnesium	ppm	█ <1	█ 0	---	---
Zinc	ppm	█ 32	█ 39	---	---
Phosphorus	ppm	█ 308	█ 361	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 25	█ 13	---	---

**Depot:** VOLVO2990  
**Unique No:** 10846438  
**Signed:** Don Baldrige  
**Report Date:** 26 Jan 2024



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## GRAPHS

