



# CONSTRUCTION EQUIPMENT

646154 GERDAU SENNEBOGEN 825 3313 - BOGIE/CENTER AXLE



**Sample No:** VCP434422  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** 646154 GERDAU



## SAMPLE INFORMATION

Sample Number	VCP434422	---	---	---
Sample Date	13 Dec 2023	---	---	---
Machine Hours	3721	---	---	---
Oil Hours	721	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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

Visc @ 40°C	cSt	█ 142	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ <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 oil. The condition of the oil is acceptable for the time in service.



## WEAR METALS

Iron	ppm	█ 78	---	---	---
Copper	ppm	█ 4	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 3	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	█ 141	---	---	---
Magnesium	ppm	█ 5	---	---	---
Zinc	ppm	█ 94	---	---	---
Phosphorus	ppm	1657	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 55	---	---	---

**Depot:** VOLVO2990  
**Unique No:** 10794964  
**Signed:** Wes Davis  
**Report Date:** 20 Dec 2023



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## GRAPHS

