



# CONSTRUCTION EQUIPMENT

567208 GERDAU SENNEBOGEN 850 3143 - FRONT LEFT FINAL DRIVE



**Sample No:** VCP414109  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** 567208 GERDAU



## SAMPLE INFORMATION

Sample Number	<b>VCP414109</b>	VCP411161	---	---
Sample Date	<b>28 Jun 2023</b>	12 Apr 2023	---	---
Machine Hours	<b>2398</b>	1263	---	---
Oil Hours	<b>1000</b>	1263	---	---
Oil Changed	<b>Changed</b>	Changed	---	---
Sample Status	<b>NORMAL</b>	NORMAL	---	---

**ALTA EQUIPMENT COMPANY - METRO WEST**  
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## OIL CONDITION

Visc @ 40°C	cSt	<b>130</b>	138	---	---
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## CONTAMINATION

Silicon	ppm	<b>&lt;1</b>	<1	---	---
Sodium	ppm	<b>0</b>	1	---	---
Potassium	ppm	<b>&lt;1</b>	0	---	---



## WEAR METALS

Iron	ppm	<b>39</b>	26	---	---
Copper	ppm	<b>3</b>	3	---	---
Lead	ppm	<b>0</b>	0	---	---
Tin	ppm	<b>0</b>	0	---	---
Aluminum	ppm	<b>&lt;1</b>	<1	---	---
Chromium	ppm	<b>0</b>	0	---	---
Molybdenum	ppm	<b>0</b>	1	---	---
Nickel	ppm	<b>0</b>	0	---	---
Titanium	ppm	<b>0</b>	0	---	---
Silver	ppm	<b>0</b>	0	---	---
Manganese	ppm	<b>&lt;1</b>	1	---	---
Vanadium	ppm	<b>0</b>	0	---	---



## ADDITIVES

Calcium	ppm	<b>5</b>	23	---	---
Magnesium	ppm	<b>0</b>	21	---	---
Zinc	ppm	<b>11</b>	29	---	---
Phosphorus	ppm	<b>519</b>	775	---	---
Barium	ppm	<b>0</b>	53	---	---
Boron	ppm	<b>3</b>	27	---	---

## 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.

**Depot:** VOLVO2990  
**Unique No:** 10546426  
**Signed:** Don Baldrige  
**Report Date:** 07 Jul 2023



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## GRAPHS

