



# CONSTRUCTION EQUIPMENT

660061 GLE SENNEBOGEN 830 830.0.2758 - REAR RIGHT FINAL DRIVE



**Sample No:** VCP445876  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** 660061 GLE



## SAMPLE INFORMATION

Sample Number	<b>VCP445876</b>	VCP406429	VCP341342	VCP329600
Sample Date	<b>19 Feb 2024</b>	08 Feb 2023	08 Jun 2022	12 Jan 2022
Machine Hours	<b>8236</b>	6106	4965	4157
Oil Hours	<b>1000</b>	0	0	0
Oil Changed	<b>Changed</b>	Changed	Changed	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

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

Visc @ 40°C	cSt	<b>137</b>	141	144	143
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## CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>4</b>	3	3	4
Sodium	ppm	<b>3</b>	3	1	5
Potassium	ppm	<b>0</b>	0	0	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	<b>116</b>	46	25	25
Copper	ppm	<b>2</b>	1	<1	2
Lead	ppm	<b>0</b>	0	0	<1
Tin	ppm	<b>&lt;1</b>	0	<1	<1
Aluminum	ppm	<b>0</b>	0	<1	<1
Chromium	ppm	<b>&lt;1</b>	<1	<1	<1
Molybdenum	ppm	<b>&lt;1</b>	<1	0	<1
Nickel	ppm	<b>0</b>	<1	<1	1
Titanium	ppm	<b>0</b>	0	0	<1
Silver	ppm	<b>0</b>	0	0	<1
Manganese	ppm	<b>1</b>	<1	<1	1
Vanadium	ppm	<b>0</b>	0	0	<1



## ADDITIVES

Calcium	ppm	<b>30</b>	34	37	115
Magnesium	ppm	<b>7</b>	5	0	4
Zinc	ppm	<b>16</b>	18	15	52
Phosphorus	ppm	<b>1174</b>	1543	2018	2034
Barium	ppm	<b>&lt;1</b>	0	0	0
Boron	ppm	<b>72</b>	123	145	164

**Depot:** VOLVO2990  
**Unique No:** 10896944  
**Signed:** Wes Davis  
**Report Date:** 26 Feb 2024



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## GRAPHS

