



# CONSTRUCTION EQUIPMENT

660061 SENNEBOGEN 830 830.0.2758 - REAR LEFT FINAL DRIVE



**Sample No:** VCP445869  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** 660061



## SAMPLE INFORMATION

Sample Number	<b>VCP445869</b>	VCP392573	VCP341383	VCP336900
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	142	145
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## CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>3</b>	3	4	4
Sodium	ppm	<b>4</b>	3	4	4
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>104</b>	46	63	25
Copper	ppm	<b>2</b>	1	2	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	0	1
Titanium	ppm	<b>0</b>	0	0	<1
Silver	ppm	<b>0</b>	<1	0	<1
Manganese	ppm	<b>1</b>	1	<1	1
Vanadium	ppm	<b>0</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>30</b>	35	97	120
Magnesium	ppm	<b>7</b>	6	1	2
Zinc	ppm	<b>16</b>	24	39	56
Phosphorus	ppm	<b>1204</b>	1525	1961	2038
Barium	ppm	<b>&lt;1</b>	0	0	0
Boron	ppm	<b>75</b>	118	145	169

**Depot:** VOLVO2990  
**Unique No:** 10896938  
**Signed:** Wes Davis  
**Report Date:** 26 Feb 2024



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## GRAPHS

