



# CONSTRUCTION EQUIPMENT

703206 FRITZ SENNEBOGEN 835C 2743 - REAR AXLE



**Sample No:** VCP444520  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** 703206 FRITZ



## SAMPLE INFORMATION

Sample Number	<b>VCP444520</b>	VCP398201	VCP354493	VCP347813
Sample Date	<b>29 Apr 2024</b>	25 Mar 2023	21 Apr 2022	16 Mar 2022
Machine Hours	<b>10751</b>	10245	6517	5888
Oil Hours	<b>1000</b>	0	1000	1600
Oil Changed	<b>Changed</b>	N/A	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>136</b>	139	150	146
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## CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>4</b>	4	2	4
Sodium	ppm	<b>0</b>	0	0	<1
Potassium	ppm	<b>0</b>	<1	<1	0

## 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>7</b>	21	13	30
Copper	ppm	<b>0</b>	2	2	5
Lead	ppm	<b>0</b>	<1	0	0
Tin	ppm	<b>0</b>	0	<1	0
Aluminum	ppm	<b>0</b>	<1	<1	<1
Chromium	ppm	<b>0</b>	0	0	<1
Molybdenum	ppm	<b>0</b>	<1	0	0
Nickel	ppm	<b>0</b>	<1	0	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	<1	0
Manganese	ppm	<b>&lt;1</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>52</b>	35	2	11
Magnesium	ppm	<b>0</b>	2	<1	0
Zinc	ppm	<b>22</b>	19	0	8
Phosphorus	ppm	<b>1962</b>	2080	1902	2024
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>244</b>	212	127	180

**Depot:** VOLVO2990  
**Unique No:** 11008045  
**Signed:** Wes Davis  
**Report Date:** 03 May 2024



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## VOLVO GRAPHS

