



# CONSTRUCTION EQUIPMENT

## 703206 FRITZ SENNEBOGEN 835C 2743 - LEFT SWING DRIVE



**Sample No:** VCP444521  
**Oil Type:** MOBIL 220  
**Job No:** 703206 FRITZ



### SAMPLE INFORMATION

Sample Number	<b>VCP444521</b>	VCP398234	VCP354488	VCP312780
Sample Date	<b>29 Apr 2024</b>	25 Mar 2023	21 Apr 2022	17 Dec 2021
Machine Hours	<b>10751</b>	10245	6517	4202
Oil Hours	<b>2000</b>	0	2000	2200
Oil Changed	<b>Changed</b>	Changed	Changed	Changed
Sample Status	<b>NORMAL</b>	SEVERE	NORMAL	ABNORMAL

**ALTA EQUIPMENT COMPANY - METRO WEST**  
 56195 PONTIAC TRAIL  
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### OIL CONDITION

Visc @ 40°C	cSt	<b>219</b>	207	205	205
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### CONTAMINATION

Water	%	<b>0.122</b>	0.092	NEG	NEG
Silicon	ppm	<b>2</b>	4	3	3
Sodium	ppm	<b>&lt;1</b>	0	8	<1
Potassium	ppm	<b>2</b>	1	2	<1

### Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. The water content is negligible. 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>269</b>	915	212	417
Copper	ppm	<b>48</b>	103	26	35
Lead	ppm	<b>0</b>	<1	0	0
Tin	ppm	<b>2</b>	5	3	4
Aluminum	ppm	<b>&lt;1</b>	2	1	2
Chromium	ppm	<b>1</b>	6	2	4
Molybdenum	ppm	<b>0</b>	<1	<1	<1
Nickel	ppm	<b>0</b>	<1	5	1
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	<1	0
Manganese	ppm	<b>3</b>	7	2	4
Vanadium	ppm	<b>0</b>	0	<1	0



### ADDITIVES

Calcium	ppm	<b>8</b>	7	21	77
Magnesium	ppm	<b>0</b>	<1	1	<1
Zinc	ppm	<b>26</b>	38	30	147
Phosphorus	ppm	<b>382</b>	437	238	302
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>17</b>	34	17	9

**Depot:** VOLVO2990  
**Unique No:** 11008049  
**Signed:** Wes Davis  
**Report Date:** 03 May 2024



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## GRAPHS

