



# CONSTRUCTION EQUIPMENT

SWA560052-10 ALTER SENNEBOGEN 835 835.0.2949 - FRONT RIGHT FINAL DRIVE



**Sample No:** VCP453606  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** SWA560052-10 ALTER



## SAMPLE INFORMATION

Sample Number	<b>VCP453606</b>	VCP434447	VCP396393	VCP363685
Sample Date	<b>17 May 2024</b>	01 Mar 2024	10 Oct 2023	01 Nov 2022
Machine Hours	<b>5900</b>	5345	4362	1872
Oil Hours	<b>2000</b>	1000	2000	500
Oil Changed	<b>Changed</b>	Not Changd	Changed	Not Changd
Sample Status	<b>NORMAL</b>	NORMAL	ABNORMAL	ABNORMAL

### ALTA EQUIPMENT COMPANY

1035 WYLIE DRIVE  
 BLOOMINGTON, IL  
 US 61705

Contact: MIKE MARTIN  
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## OIL CONDITION

Visc @ 40°C	cSt	<b>138</b>	137	142	154
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## CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>8</b>	5	8	5
Sodium	ppm	<b>&lt;1</b>	2	4	2
Potassium	ppm	<b>2</b>	<1	0	2



## WEAR METALS

Iron	ppm	<b>292</b>	174	436	136
Copper	ppm	<b>31</b>	23	▲ 91	▲ 95
Lead	ppm	<b>&lt;1</b>	<1	0	<1
Tin	ppm	<b>&lt;1</b>	0	0	0
Aluminum	ppm	<b>2</b>	2	3	4
Chromium	ppm	<b>2</b>	<1	2	<1
Molybdenum	ppm	<b>&lt;1</b>	0	0	<1
Nickel	ppm	<b>&lt;1</b>	0	0	0
Titanium	ppm	<b>&lt;1</b>	0	<1	<1
Silver	ppm	<b>&lt;1</b>	0	0	1
Manganese	ppm	<b>5</b>	2	10	5
Vanadium	ppm	<b>&lt;1</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>87</b>	81	386	17
Magnesium	ppm	<b>4</b>	2	6	3
Zinc	ppm	<b>74</b>	52	245	78
Phosphorus	ppm	<b>1765</b>	1821	1778	1692
Barium	ppm	<b>2</b>	<1	17	29
Boron	ppm	<b>200</b>	161	107	100

## 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:** VOLVO5054  
**Unique No:** 11046314  
**Signed:** Wes Davis  
**Report Date:** 24 May 2024



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## GRAPHS

