



# CONSTRUCTION EQUIPMENT

367252-10 SENNEBOGEN 835 835.0.2949 - FRONT LEFT FINAL DRIVE



**Sample No:** VCP396392  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** 367252-10



## SAMPLE INFORMATION

Sample Number	<b>VCP396392</b>	VCP396389	VCP363694	---
Sample Date	<b>10 Oct 2023</b>	10 Oct 2023	01 Nov 2022	---
Machine Hours	<b>4362</b>	4362	1872	---
Oil Hours	<b>2000</b>	2000	2000	---
Oil Changed	<b>Changed</b>	Changed	Changed	---
Sample Status	<b>NORMAL</b>	ABNORMAL	ABNORMAL	---

### ALTA EQUIPMENT COMPANY

1035 WYLIE DRIVE  
 BLOOMINGTON, IL  
 US 61705

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## OIL CONDITION

Visc @ 40°C	cSt	<b>142</b>	141	152	---
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## CONTAMINATION

Silicon	ppm	<b>6</b>	7	3	---
Sodium	ppm	<b>1</b>	4	2	---
Potassium	ppm	<b>0</b>	0	1	---



## WEAR METALS

Iron	ppm	<b>190</b>	641	175	---
Copper	ppm	<b>23</b>	202	117	---
Lead	ppm	<b>0</b>	0	<1	---
Tin	ppm	<b>0</b>	0	0	---
Aluminum	ppm	<b>&lt;1</b>	8	5	---
Chromium	ppm	<b>1</b>	3	<1	---
Molybdenum	ppm	<b>0</b>	0	<1	---
Nickel	ppm	<b>&lt;1</b>	0	0	---
Titanium	ppm	<b>0</b>	<1	<1	---
Silver	ppm	<b>0</b>	0	<1	---
Manganese	ppm	<b>4</b>	15	7	---
Vanadium	ppm	<b>0</b>	0	0	---



## ADDITIVES

Calcium	ppm	<b>157</b>	223	6	---
Magnesium	ppm	<b>5</b>	6	1	---
Zinc	ppm	<b>87</b>	241	97	---
Phosphorus	ppm	<b>1748</b>	1733	1797	---
Barium	ppm	<b>7</b>	15	18	---
Boron	ppm	<b>86</b>	108	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:** 10699930  
**Signed:** Sean Felton  
**Report Date:** 19 Oct 2023



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## GRAPHS

