



# CONSTRUCTION EQUIPMENT

SPM594467 ALTER RKFD SENNEBOGEN 840 840.0.2192 - REAR LEFT FINAL DRIVE



**Sample No:** VCP409183  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** SPM594467 ALTER RKFD



## SAMPLE INFORMATION

Sample Number	<b>VCP409183</b>	VCP399529	VCP226918	---
Sample Date	<b>15 Aug 2023</b>	30 Mar 2023	01 Feb 2021	---
Machine Hours	<b>12681</b>	11146	3486	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>Changed</b>	Changed	N/A	---
Sample Status	<b>NORMAL</b>	NORMAL	ABNORMAL	---

**ALTA CONSTRUCTION EQUIPMENT**  
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## OIL CONDITION

Visc @ 40°C	cSt	<b>146</b>	181	141	---
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## CONTAMINATION

Silicon	ppm	<b>4</b>	13	2	---
Sodium	ppm	<b>2</b>	1	<1	---
Potassium	ppm	<b>0</b>	<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>6</b>	4	116	---
Copper	ppm	<b>2</b>	<1	3	---
Lead	ppm	<b>0</b>	0	0	---
Tin	ppm	<b>&lt;1</b>	0	0	---
Aluminum	ppm	<b>&lt;1</b>	1	<1	---
Chromium	ppm	<b>0</b>	<1	1	---
Molybdenum	ppm	<b>0</b>	<1	<1	---
Nickel	ppm	<b>0</b>	<1	<1	---
Titanium	ppm	<b>0</b>	0	0	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>&lt;1</b>	<1	1	---
Vanadium	ppm	<b>0</b>	0	0	---



## ADDITIVES

Calcium	ppm	<b>363</b>	2458	8	---
Magnesium	ppm	<b>4</b>	13	<1	---
Zinc	ppm	<b>159</b>	1065	8	---
Phosphorus	ppm	<b>818</b>	1269	520	---
Barium	ppm	<b>0</b>	0	1	---
Boron	ppm	<b>30</b>	36	1	---

**Depot:** VOLVO5055  
**Unique No:** 10634556  
**Signed:** Sean Felton  
**Report Date:** 08 Sep 2023



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## VOLVO GRAPHS

