



# CONSTRUCTION EQUIPMENT

SPM688695 SCORIA SENNEBOGEN 835 835.0.533 - FRONT LEFT FINAL DRIVE



**Sample No:** VCP427264  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** SPM688695 SCORIA



## SAMPLE INFORMATION

Sample Number	VCP427264	---	---	---
Sample Date	21 Mar 2024	---	---	---
Machine Hours	11673	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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## OIL CONDITION

Visc @ 40°C	cSt	█ 183	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ 5	---	---	---
Potassium	ppm	█ 4	---	---	---



## WEAR METALS

Iron	ppm	▲ 645	---	---	---
Copper	ppm	█ 21	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 5	---	---	---
Molybdenum	ppm	█ 1	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ 11	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	█ 19	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 19	---	---	---
Phosphorus	ppm	█ 266	---	---	---
Barium	ppm	█ 10	---	---	---
Boron	ppm	█ 0	---	---	---

## Diagnosis

The oil change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. High concentration of visible metal present. Gear wear is indicated. There is a high amount of visible silt present in the sample. The oil is no longer serviceable due to the presence of contaminants.

**Depot:** VOLVO8885  
**Unique No:** 10990260  
**Signed:** Don Baldrige  
**Report Date:** 23 Apr 2024



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## GRAPHS

