



# CONSTRUCTION EQUIPMENT

SPM595374 SENNEBOGEN 860 860.0.1095 - REAR AXLE



**Sample No:** VCP413963  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** SPM595374



## SAMPLE INFORMATION

Sample Number	VCP413963	---	---	---
Sample Date	28 Aug 2023	---	---	---
Machine Hours	10929	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

**ALTA EQUIPMENT CO - ORLAND PARK**  
5000 INDUSTRIAL HWY  
GARY, IN  
US 46406  
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F:



## OIL CONDITION

Visc @ 40°C	cSt	█ 178	---	---	---
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## CONTAMINATION

Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ 5	---	---	---
Potassium	ppm	█ 0	---	---	---



## WEAR METALS

Iron	ppm	█ 220	---	---	---
Copper	ppm	█ 49	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 4	---	---	---
Vanadium	ppm	█ 0	---	---	---



## ADDITIVES

Calcium	ppm	█ 18	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 25	---	---	---
Phosphorus	ppm	█ 1150	---	---	---
Barium	ppm	█ 272	---	---	---
Boron	ppm	█ 25	---	---	---

## Diagnosis

The oil change at the time of sampling has been noted. We advise that you inspect for the source(s) of metal. Resample at the next service interval to monitor. High concentration of visible metal present. 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:** VOLVO8885  
**Unique No:** 10634530  
**Signed:** Don Baldrige  
**Report Date:** 08 Sep 2023



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## GRAPHS

