



CONSTRUCTION EQUIPMENT

SPM606653 SENNEBOGEN 835 835.0.32 13 - FRONT LEFT FINAL DRIVE



Sample No: VCP415026
Oil Type: GEAR OIL SAE 80W90
Job No: SPM606653



SAMPLE INFORMATION

Sample Number	VCP415026	---	---	---
Sample Date	12 Sep 2023	---	---	---
Machine Hours	543	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

SIMS METAL MANAGEMENT

2500 S. PAULINA
CHICAGO, IL
US 60608
Contact: RYAN WISE
ryan.wise@simsmm.com
T:
F:



OIL CONDITION

Visc @ 40°C	cSt	█ 138	---	---	---
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CONTAMINATION

Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ 9	---	---	---
Potassium	ppm	█ 1	---	---	---



WEAR METALS

Iron	ppm	█ 91	---	---	---
Copper	ppm	▲ 161	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 9	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 12	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 51	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 129	---	---	---
Phosphorus	ppm	█ 1774	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 137	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Bearing and/or bushing wear is indicated. All other metal levels are typical for a new component breaking in. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: SIMCHIL
Unique No: 10658482
Signed: Don Baldridge
Report Date: 22 Sep 2023

VOLVO **GRAPHS**

