



CONSTRUCTION EQUIPMENT

SPM566233 SENNEBOGEN 835ME 835.0.2859 - FRONT DIFFERENTIAL



Sample No: VCP423163
Oil Type: GEAR OIL SAE 80W90
Job No: SPM566233



SAMPLE INFORMATION

Sample Number	VCP423163	VCP404292	---	---
Sample Date	13 Jun 2023	06 Apr 2023	---	---
Machine Hours	4333	3781	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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	█ 185	█ 184	---	---
-------------	-----	-------	-------	-----	-----



CONTAMINATION

Silicon	ppm	█ 7	█ 4	---	---
Sodium	ppm	█ 5	█ 5	---	---
Potassium	ppm	█ 0	█ 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	█ 23	█ 17	---	---
Copper	ppm	█ 24	█ 21	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	█ 0	█ 0	---	---
Aluminum	ppm	█ <1	█ <1	---	---
Chromium	ppm	█ <1	█ <1	---	---
Molybdenum	ppm	█ <1	█ <1	---	---
Nickel	ppm	█ 0	█ <1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ <1	█ 1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	█ 273	█ 6	---	---
Magnesium	ppm	█ 11	█ 2	---	---
Zinc	ppm	█ 124	█ 15	---	---
Phosphorus	ppm	█ 1144	█ 1165	---	---
Barium	ppm	█ 354	█ 365	---	---
Boron	ppm	█ 1	█ 0	---	---

Depot: SIMCHIL
Unique No: 10548885
Signed: Wes Davis
Report Date: 10 Jul 2023



CONSTRUCTION EQUIPMENT



GRAPHS

