



CONSTRUCTION EQUIPMENT

SPM620256 SENNEBOGEN 835ME 835.0.2733 - FRONT DIFFERENTIAL



Sample No: VCP425323
Oil Type: GEAR OIL SAE 80W90
Job No: SPM620256



SAMPLE INFORMATION

Sample Number	VCP425323	VCP415047	---	---
Sample Date	19 Oct 2023	19 Oct 2023	---	---
Machine Hours	7319	15132	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	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	161	182	---	---
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CONTAMINATION

Silicon	ppm	15	22	---	---
Sodium	ppm	13	0	---	---
Potassium	ppm	3	0	---	---



WEAR METALS

Iron	ppm	229	560	---	---
Copper	ppm	<1	3	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	3	1	---	---
Chromium	ppm	8	2	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	2	<1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	7	8	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	44	2908	---	---
Magnesium	ppm	6	52	---	---
Zinc	ppm	10	1079	---	---
Phosphorus	ppm	318	919	---	---
Barium	ppm	1	0	---	---
Boron	ppm	0	5	---	---

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.

Depot: SIMCHIL
Unique No: 10713407
Signed: Wes Davis
Report Date: 30 Oct 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

