



CONSTRUCTION EQUIPMENT

SPM566282 SENNEBOGEN 835ME 835.0.2518 - REAR RIGHT FINAL DRIVE



Sample No: VCP418520
Oil Type: GEAR OIL SAE 80W90
Job No: SPM566282



SAMPLE INFORMATION

Sample Number	VCP418520	VCP406086	VCP378258	---
Sample Date	20 Jun 2023	20 Mar 2023	20 May 2022	---
Machine Hours	9340	8821	7229	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Not Changd	Changed	---
Sample Status	NORMAL	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	188	187	140	---
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Silicon	ppm	21	21	2	---
Sodium	ppm	2	2	<1	---
Potassium	ppm	0	0	0	---



WEAR METALS

Iron	ppm	49	46	46	---
Copper	ppm	29	28	54	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	<1	---
Aluminum	ppm	1	2	1	---
Chromium	ppm	<1	<1	0	---
Molybdenum	ppm	3	3	<1	---
Nickel	ppm	0	0	0	---
Titanium	ppm	<1	<1	0	---
Silver	ppm	0	<1	<1	---
Manganese	ppm	1	1	1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	2883	2898	11	---
Magnesium	ppm	42	36	0	---
Zinc	ppm	1047	1043	20	---
Phosphorus	ppm	923	943	505	---
Barium	ppm	2	1	0	---
Boron	ppm	16	15	56	---

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: 10548913
Signed: Don Baldrige
Report Date: 11 Jul 2023



CONSTRUCTION EQUIPMENT



GRAPHS

