



CONSTRUCTION EQUIPMENT

SPM606655 SENNEBOGEN 835ME 835.0.2500 - REAR RIGHT FINAL DRIVE



Sample No: VCP415230
Oil Type: GEAR OIL SAE 80W90
Job No: SPM606655



SAMPLE INFORMATION

Sample Number	VCP415230	VCP400219	VCP399735	VCP348087
Sample Date	12 Sep 2023	20 Mar 2023	05 Jan 2023	10 Feb 2022
Machine Hours	9698	8469	7934	6910
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SIMS METAL MANAGEMENT

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

Visc @ 40°C	cSt	155	156	154	174
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CONTAMINATION

Silicon	ppm	9	7	6	15
Sodium	ppm	0	1	0	1
Potassium	ppm	1	0	0	0



WEAR METALS

Iron	ppm	105	81	69	279
Copper	ppm	47	37	36	22
Lead	ppm	<1	0	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	2	1	<1	2
Chromium	ppm	<1	<1	<1	1
Molybdenum	ppm	<1	<1	<1	1
Nickel	ppm	0	0	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	2	1	4
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	515	503	408	1332
Magnesium	ppm	7	8	5	19
Zinc	ppm	260	255	196	642
Phosphorus	ppm	543	543	455	697
Barium	ppm	0	<1	0	2
Boron	ppm	43	40	37	32

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: 10658455
Signed: Angela Borella
Report Date: 22 Sep 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

