



CONSTRUCTION EQUIPMENT

SPM606655 SENNEBOGEN 835ME 835.0.2500 - FRONT RIGHT FINAL DRIVE



Sample No: VCP415225
Oil Type: GEAR OIL SAE 80W90
Job No: SPM606655



SAMPLE INFORMATION

Sample Number	VCP415225	VCP400221	VCP399732	VCP349232
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
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OIL CONDITION

Visc @ 40°C	cSt	187	186	152	147
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CONTAMINATION

Silicon	ppm	23	24	4	2
Sodium	ppm	0	1	0	0
Potassium	ppm	2	0	0	0



WEAR METALS

Iron	ppm	376	392	46	40
Copper	ppm	18	13	33	21
Lead	ppm	<1	0	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	4	2	0	<1
Chromium	ppm	1	<1	<1	0
Molybdenum	ppm	2	2	<1	<1
Nickel	ppm	<1	0	0	0
Titanium	ppm	<1	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	6	6	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	1841	1856	343	84
Magnesium	ppm	18	20	4	2
Zinc	ppm	855	805	169	40
Phosphorus	ppm	761	741	420	453
Barium	ppm	0	2	0	0
Boron	ppm	18	18	33	33

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: 10658464
Signed: Angela Borella
Report Date: 22 Sep 2023



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GRAPHS

