



CONSTRUCTION EQUIPMENT

SPM606655 SENNEBOGEN 835ME 835.0.2500 - REAR LEFT FINAL DRIVE



Sample No: VCP415222
Oil Type: GEAR OIL SAE 80W90
Job No: SPM606655



SAMPLE INFORMATION

Sample Number	VCP415222	VCP401860	VCP399733	VCP348091
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	ABNORMAL	NORMAL	NORMAL	NORMAL

SIMS METAL MANAGEMENT

2500 S. PAULINA
 CHICAGO, IL
 US 60608

Contact: RYAN WISE
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 F:



OIL CONDITION

Visc @ 40°C	cSt	156	155	155	170
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CONTAMINATION

Silicon	ppm	11	8	6	14
Sodium	ppm	0	2	<1	2
Potassium	ppm	1	0	0	0



WEAR METALS

Iron	ppm	138	87	77	498
Copper	ppm	59	40	39	23
Lead	ppm	<1	0	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	3	1	<1	2
Chromium	ppm	<1	<1	<1	1
Molybdenum	ppm	<1	<1	<1	1
Nickel	ppm	<1	0	<1	0
Titanium	ppm	<1	0	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	3	2	1	8
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	648	506	436	1141
Magnesium	ppm	8	6	5	17
Zinc	ppm	331	250	209	549
Phosphorus	ppm	675	546	474	661
Barium	ppm	0	<1	0	4
Boron	ppm	52	41	39	29

Diagnosis

Resample at the next service interval to monitor. The copper level is abnormal. All other 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: 10658453
Signed: Angela Borella
Report Date: 22 Sep 2023



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GRAPHS

