



CONSTRUCTION EQUIPMENT

SPM606655 SENNEBOGEN 835ME 835.0.2500 - REAR DIFFERENTIAL



Sample No: VCP415229
Oil Type: GEAR OIL SAE 80W90
Job No: SPM606655



SAMPLE INFORMATION

Sample Number	VCP415229	VCP401857	VCP399737	VCP348092
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	155	156	186	149
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CONTAMINATION

Silicon	ppm	9	7	11	2
Sodium	ppm	0	1	2	0
Potassium	ppm	1	0	0	0



WEAR METALS

Iron	ppm	89	81	12	48
Copper	ppm	44	40	4	25
Lead	ppm	<1	0	<1	0
Tin	ppm	0	0	<1	0
Aluminum	ppm	2	1	<1	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	2	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	481	503	2505	111
Magnesium	ppm	7	6	16	3
Zinc	ppm	250	247	1086	56
Phosphorus	ppm	511	547	878	469
Barium	ppm	0	<1	0	0
Boron	ppm	38	43	7	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: 10658474
Signed: Don Baldrige
Report Date: 22 Sep 2023



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GRAPHS

