



CONSTRUCTION EQUIPMENT

SPM620293 SENNEBOGEN 835ME 835.0.2078 - REAR LEFT FINAL DRIVE



Sample No: VCP425321
Oil Type: GEAR OIL SAE 80W90
Job No: SPM620293



SAMPLE INFORMATION

Sample Number	VCP425321	VCP418503	VCP387278	VCP361070
Sample Date	12 Oct 2023	19 May 2023	02 Mar 2023	16 May 2022
Machine Hours	19841	19056	18536	17503
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

SIMS METAL MANAGEMENT

2500 S. PAULINA
CHICAGO, IL
US 60608

Contact: RYAN WISE
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OIL CONDITION

Visc @ 40°C	cSt	138	194	193	123
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CONTAMINATION

Silicon	ppm	5	27	28	12
Sodium	ppm	0	<1	<1	<1
Potassium	ppm	0	0	<1	<1

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.



WEAR METALS

Iron	ppm	36	81	68	68
Copper	ppm	18	38	33	▲ 87
Lead	ppm	0	0	<1	<1
Tin	ppm	0	0	<1	<1
Aluminum	ppm	0	<1	0	1
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	0	2	2	4
Nickel	ppm	<1	0	0	0
Titanium	ppm	0	<1	<1	<1
Silver	ppm	0	0	<1	<1
Manganese	ppm	<1	1	2	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	277	2305	2348	2186
Magnesium	ppm	7	25	24	30
Zinc	ppm	142	1015	958	993
Phosphorus	ppm	915	848	819	877
Barium	ppm	0	0	0	0
Boron	ppm	163	8	9	24

Depot: SIMCHIL
Unique No: 10713366
Signed: Wes Davis
Report Date: 27 Oct 2023



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GRAPHS

