



CONSTRUCTION EQUIPMENT

SPM620293 SENNEBOGEN 835ME 835.0.2078 - FRONT RIGHT FINAL DRIVE



Sample No: VCP425328
Oil Type: GEAR OIL SAE 80W90
Job No: SPM620293



SAMPLE INFORMATION

Sample Number	VCP425328	VCP418502	VCP387165	VCP378256
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	ABNORMAL	ABNORMAL	SEVERE

SIMS METAL MANAGEMENT

2500 S. PAULINA
CHICAGO, IL
US 60608

Contact: RYAN WISE
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OIL CONDITION

Visc @ 40°C	cSt	143	188	188	203
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CONTAMINATION

Silicon	ppm	59	86	84	291
Sodium	ppm	8	4	4	23
Potassium	ppm	860	15	14	29

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	348	699	685	1868
Copper	ppm	12	78	73	224
Lead	ppm	0	2	4	8
Tin	ppm	0	<1	<1	<1
Aluminum	ppm	11	19	16	72
Chromium	ppm	2	5	5	13
Molybdenum	ppm	0	3	3	3
Nickel	ppm	1	1	1	4
Titanium	ppm	2	2	2	9
Silver	ppm	0	0	<1	<1
Manganese	ppm	4	9	10	27
Vanadium	ppm	<1	0	<1	<1



ADDITIVES

Calcium	ppm	231	2813	2896	2049
Magnesium	ppm	46	73	69	225
Zinc	ppm	43	1063	1036	832
Phosphorus	ppm	450	894	882	741
Barium	ppm	1	0	0	9
Boron	ppm	636	31	28	50

Depot: SIMCHIL
Unique No: 10713397
Signed: Wes Davis
Report Date: 27 Oct 2023



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GRAPHS

