



CONSTRUCTION EQUIPMENT

SPM686828 SENNEBOGEN 835ME 835.0.2739 - FRONT LEFT FINAL DRIVE



Sample No: VCP443665
Oil Type: GEAR OIL SAE 80W90
Job No: SPM686828



SAMPLE INFORMATION

Sample Number	VCP443665	VCP398558	VCP349097	VCP340330
Sample Date	15 Mar 2024	30 May 2023	10 Jan 2022	12 Oct 2021
Machine Hours	7000	5151	2434	1932
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Chngd	Not Chngd	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	198	203	198	185
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	19	17	16	5
Sodium	ppm	0	3	0	11
Potassium	ppm	2	0	0	0

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	86	128	201	463
Copper	ppm	20	43	39	▲ 102
Lead	ppm	1	0	<1	<1
Tin	ppm	1	0	<1	<1
Aluminum	ppm	2	2	3	5
Chromium	ppm	1	<1	2	5
Molybdenum	ppm	4	<1	<1	<1
Nickel	ppm	<1	0	<1	2
Titanium	ppm	1	<1	<1	<1
Silver	ppm	<1	0	<1	7
Manganese	ppm	2	3	5	13
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	2452	1763	1649	15
Magnesium	ppm	51	11	7	3
Zinc	ppm	1081	1011	765	115
Phosphorus	ppm	872	754	879	1134
Barium	ppm	5	5	90	318
Boron	ppm	5	2	4	26

Depot: SIMCHIL
Unique No: 10941440
Signed: Sean Felton
Report Date: 27 Mar 2024



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GRAPHS

