



CONSTRUCTION EQUIPMENT

SPM686828 SENNEBOGEN 835ME 835.0.2739 - REAR LEFT FINAL DRIVE



Sample No: VCP443666
Oil Type: GEAR OIL SAE 80W90
Job No: SPM686828



SAMPLE INFORMATION

Sample Number	VCP443666	VCP398524	VCP351927	VCP340332
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	200	201	199	162
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	25	22	21	13
Sodium	ppm	0	<1	2	4
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	139	107	12	103
Copper	ppm	49	43	10	78
Lead	ppm	2	0	<1	<1
Tin	ppm	<1	0	<1	<1
Aluminum	ppm	2	2	<1	2
Chromium	ppm	1	<1	<1	<1
Molybdenum	ppm	2	<1	<1	<1
Nickel	ppm	<1	0	<1	<1
Titanium	ppm	<1	<1	<1	<1
Silver	ppm	<1	0	<1	2
Manganese	ppm	4	3	<1	4
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	2231	2007	1915	16
Magnesium	ppm	12	20	10	4
Zinc	ppm	1012	962	944	52
Phosphorus	ppm	840	760	768	890
Barium	ppm	16	0	12	171
Boron	ppm	10	10	8	56

Depot: SIMCHIL
Unique No: 10941435
Signed: Sean Felton
Report Date: 27 Mar 2024



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GRAPHS

