



CONSTRUCTION EQUIPMENT

SPM686819 SENNEBOGEN 835ME 835.0.2350 - REAR LEFT FINAL DRIVE



Sample No: VCP443683
Oil Type: GEAR OIL SAE 80W90
Job No: SPM686819



SAMPLE INFORMATION

Sample Number	VCP443683	VCP404522	VCP373901	VCP289730
Sample Date	15 Mar 2024	23 Mar 2023	29 Jun 2022	13 Nov 2020
Machine Hours	15766	13021	11355	6704
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	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	144	143	139	131
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	5	2	<1
Sodium	ppm	0	<1	<1	<1
Potassium	ppm	1	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	2	85	88	59
Copper	ppm	<1	27	21	8
Lead	ppm	1	0	0	<1
Tin	ppm	1	0	0	0
Aluminum	ppm	2	1	1	0
Chromium	ppm	<1	<1	<1	1
Molybdenum	ppm	1	<1	<1	<1
Nickel	ppm	<1	0	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	<1	0	<1	0
Manganese	ppm	<1	2	2	1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	67	395	133	18
Magnesium	ppm	6	6	3	3
Zinc	ppm	36	196	65	<1
Phosphorus	ppm	424	494	492	309
Barium	ppm	1	0	0	<1
Boron	ppm	4	28	32	7

Depot: SIMCHIL
Unique No: 10941441
Signed: Wes Davis
Report Date: 26 Mar 2024



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GRAPHS

