



CONSTRUCTION EQUIPMENT

SPM686819 SENNEBOGEN 835ME 835.0.2350 - LEFT SWING DRIVE



Sample No: VCP443681
Oil Type: GEAR OIL SAE 80W90
Job No: SPM686819



SAMPLE INFORMATION

Sample Number	VCP443681	VCP404526	VCP357805	VCP358327
Sample Date	15 Mar 2024	23 Mar 2023	29 Jun 2022	17 May 2022
Machine Hours	15766	13021	11355	10849
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	NORMAL	SEVERE	ABNORMAL	NORMAL

SIMS METAL MANAGEMENT

2500 S. PAULINA
 CHICAGO, IL
 US 60608
 Contact: RYAN WISE
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 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	143	191	200	218
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CONTAMINATION

Water	%	NEG	▲ 0.415	NEG	NEG
Silicon	ppm	3	18	16	23
Sodium	ppm	1	<1	<1	1
Potassium	ppm	2	<1	<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	1	78	66	145
Copper	ppm	<1	▲ 352	▲ 288	186
Lead	ppm	<1	0	<1	0
Tin	ppm	1	9	8	9
Aluminum	ppm	2	1	1	1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	1	2	2	2
Nickel	ppm	<1	<1	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	<1	0	<1	0
Manganese	ppm	<1	1	<1	2
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	48	2263	1822	2127
Magnesium	ppm	7	24	13	11
Zinc	ppm	28	920	764	905
Phosphorus	ppm	578	762	621	819
Barium	ppm	<1	0	<1	0
Boron	ppm	6	9	14	15

Depot: SIMCHIL
Unique No: 10941451
Signed: Wes Davis
Report Date: 26 Mar 2024



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GRAPHS

