



CONSTRUCTION EQUIPMENT

SPM645920 SENNEBOGEN 835ME 835.0.2902 - REAR LEFT FINAL DRIVE



Sample No: VCP422962
Oil Type: GEAR OIL SAE 80W90
Job No: SPM645920



SAMPLE INFORMATION

Sample Number	VCP422962	VCP423178	VCP383165	VCP349221
Sample Date	29 Nov 2023	26 Jun 2023	19 Apr 2023	11 Feb 2022
Machine Hours	5105	3988	3469	540
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	ABNORMAL	ABNORMAL	NORMAL

SIMS METAL MANAGEMENT

2500 S. PAULINA
CHICAGO, IL
US 60608
Contact: RYAN WISE
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OIL CONDITION

Visc @ 40°C	cSt	146	184	185	186
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	1	5	4	3
Sodium	ppm	1	5	4	4
Potassium	ppm	9	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	<1	178	133	66
Copper	ppm	1	▲ 146	▲ 116	22
Lead	ppm	0	<1	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	2	3	2	<1
Chromium	ppm	0	1	1	<1
Molybdenum	ppm	0	0	<1	0
Nickel	ppm	0	<1	<1	0
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	6	5	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	71	28	3	11
Magnesium	ppm	11	5	0	0
Zinc	ppm	38	113	76	16
Phosphorus	ppm	284	1175	1138	1172
Barium	ppm	4	387	351	362
Boron	ppm	0	0	0	0

Depot: SIMCHIL
Unique No: 10793403
Signed: Jonathan Hester
Report Date: 20 Dec 2023



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GRAPHS

