



CONSTRUCTION EQUIPMENT

SMP686831 SENNEBOGEN 835ME 835.0.2902 - REAR RIGHT FINAL DRIVE



Sample No: VCP427274
Oil Type: GEAR OIL SAE 80W90
Job No: SMP686831



SAMPLE INFORMATION

Sample Number	VCP427274	VCP422967	VCP423180	VCP383166
Sample Date	12 Mar 2024	29 Nov 2023	26 Jun 2023	19 Apr 2023
Machine Hours	5160	5105	3988	3469
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	ABNORMAL	ABNORMAL

SIMS METAL MANAGEMENT

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

Visc @ 40°C	cSt	166	143	184	185
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	7	1	5	4
Sodium	ppm	8	0	5	5
Potassium	ppm	2	<1	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	57	0	175	136
Copper	ppm	5	0	▲ 139	▲ 119
Lead	ppm	0	0	<1	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	<1	0	3	3
Chromium	ppm	<1	0	1	<1
Molybdenum	ppm	0	0	0	<1
Nickel	ppm	0	0	<1	<1
Titanium	ppm	2	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	<1	6	6
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	322	45	6	19
Magnesium	ppm	13	10	4	0
Zinc	ppm	140	27	100	82
Phosphorus	ppm	828	402	1126	1143
Barium	ppm	0	0	370	354
Boron	ppm	22	0	0	<1

Depot: SIMCHIL
Unique No: 10991791
Signed: Sean Felton
Report Date: 24 Apr 2024



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GRAPHS

