



CONSTRUCTION EQUIPMENT

SPM686831 SENNEBOGEN 835ME 835.0.2902 - FRONT AXLE



Sample No: VCP435662
Oil Type: GEAR OIL SAE 80W90
Job No: SPM686831



SAMPLE INFORMATION

Sample Number	VCP435662	VCP422960	VCP423179	VCP383259
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	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	168	146	184	185
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	11	1	5	4
Sodium	ppm	8	<1	4	4
Potassium	ppm	<1	10	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 fluid. The condition of the fluid is acceptable for the time in service.

WEAR METALS

Iron	ppm	101	<1	23	43
Copper	ppm	7	0	46	63
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	1	2	<1	2
Chromium	ppm	3	0	<1	<1
Molybdenum	ppm	0	0	0	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	2	0	<1	0
Silver	ppm	2	0	0	0
Manganese	ppm	3	<1	1	3
Vanadium	ppm	0	0	0	0

ADDITIVES

Calcium	ppm	305	50	14	7
Magnesium	ppm	6	11	4	0
Zinc	ppm	137	21	44	46
Phosphorus	ppm	818	274	1189	1155
Barium	ppm	0	0	398	356
Boron	ppm	25	2	0	0

Depot: SIMCHIL
Unique No: 10990285
Signed: Don Baldrige
Report Date: 23 Apr 2024



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GRAPHS

