



CONSTRUCTION EQUIPMENT

SPM688692 SENNEBOGEN 835ME 835.0.2542 - FRONT RIGHT FINAL DRIVE



Sample No: VCP426381
Oil Type: GEAR OIL SAE 80W90
Job No: SPM688692



SAMPLE INFORMATION

Sample Number	VCP426381	VCP404741	VCP354895	VCP357081
Sample Date	01 Apr 2024	04 Apr 2023	06 Jul 2022	07 Apr 2022
Machine Hours	9624	7921	6511	5944
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	NORMAL	ABNORMAL	NORMAL	NORMAL

SIMS METAL MANAGEMENT

2500 S. PAULINA
CHICAGO, IL
US 60608

Contact: RYAN WISE
ryan.wise@simsmm.com
T:
F:



OIL CONDITION

Visc @ 40°C	cSt	196	196	194	194
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Water	%	NEG	▲ 0.600	NEG	NEG
Silicon	ppm	21	56	12	15
Sodium	ppm	2	3	0	<1
Potassium	ppm	3	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 fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	108	182	137	74
Copper	ppm	42	10	8	8
Lead	ppm	<1	0	<1	<1
Tin	ppm	<1	0	<1	<1
Aluminum	ppm	1	2	1	1
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	1	3	1	2
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	<1	<1
Manganese	ppm	3	3	2	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	2116	3630	1622	1988
Magnesium	ppm	35	48	11	12
Zinc	ppm	992	1115	690	865
Phosphorus	ppm	859	1007	577	773
Barium	ppm	11	0	<1	1
Boron	ppm	12	18	18	18

Depot: SIMCHIL
Unique No: 10990250
Signed: Don Baldrige
Report Date: 23 Apr 2024



CONSTRUCTION EQUIPMENT



GRAPHS

