



CONSTRUCTION EQUIPMENT

SPM686828 SENNEBOGEN 835ME 835.0.2739 - RIGHT SWING DRIVE



Sample No: VCP444276
Oil Type: GEAR OIL SAE 80W90
Job No: SPM686828



SAMPLE INFORMATION

Sample Number	VCP444276	VCP398600	VCP401748	VCP327278
Sample Date	15 Mar 2024	30 May 2023	03 Mar 2023	23 Mar 2022
Machine Hours	7000	5151	5150	2978
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Changed
Sample Status	NORMAL	ABNORMAL	ABNORMAL	ABNORMAL

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	198	203	204	194
-------------	-----	------------	-----	-----	-----

CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	12	18	13	23
Sodium	ppm	0	<1	0	<1
Potassium	ppm	2	0	1	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	50	237	159	180
Copper	ppm	73	▲ 327	▲ 302	▲ 273
Lead	ppm	1	1	<1	2
Tin	ppm	4	▲ 16	▲ 13	10
Aluminum	ppm	2	2	3	2
Chromium	ppm	<1	1	1	1
Molybdenum	ppm	2	<1	1	<1
Nickel	ppm	<1	0	<1	<1
Titanium	ppm	<1	<1	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	1	2	2	2
Vanadium	ppm	<1	0	0	0

ADDITIVES

Calcium	ppm	2658	1788	1572	1964
Magnesium	ppm	18	13	9	9
Zinc	ppm	1093	1015	1037	816
Phosphorus	ppm	923	708	724	802
Barium	ppm	1	0	0	0
Boron	ppm	3	7	5	15

Depot: SIMCHIL
Unique No: 10941412
Signed: Sean Felton
Report Date: 27 Mar 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

