



CONSTRUCTION EQUIPMENT

SPM566282 SENNEBOGEN 835ME 835.0.25 18 - RIGHT SWING DRIVE



Sample No: VCP418508
Oil Type: GEAR OIL SAE 80W90
Job No: SPM566282



SAMPLE INFORMATION

Sample Number	VCP418508	VCP406053	VCP364824	VCP377205
Sample Date	20 Jun 2023	20 Mar 2023	19 Aug 2022	20 May 2022
Machine Hours	9340	8821	7785	7229
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	SEVERE	NORMAL	SEVERE

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	213	196	200	193
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CONTAMINATION

Silicon	ppm	24	27	33	19
Sodium	ppm	<1	1	0	2
Potassium	ppm	0	0	0	<1



WEAR METALS

Iron	ppm	126	274	168	333
Copper	ppm	148	430	152	571
Lead	ppm	0	0	1	<1
Tin	ppm	6	22	8	18
Aluminum	ppm	<1	2	2	2
Chromium	ppm	<1	1	1	2
Molybdenum	ppm	<1	2	2	3
Nickel	ppm	0	<1	0	2
Titanium	ppm	<1	0	0	<1
Silver	ppm	0	0	<1	<1
Manganese	ppm	1	2	2	3
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	371	2025	1965	1889
Magnesium	ppm	8	21	17	19
Zinc	ppm	227	956	917	818
Phosphorus	ppm	514	814	799	748
Barium	ppm	2	0	0	0
Boron	ppm	0	9	20	26

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.

Depot: SIMCHIL
Unique No: 10548897
Signed: Don Baldrige
Report Date: 11 Jul 2023



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GRAPHS

