



CONSTRUCTION EQUIPMENT

SPM702318 SENNEBOGEN 835ME 835.0.2859 - FRONT DIFFERENTIAL



Sample No: VCP446278
Oil Type: GEAR OIL SAE 80W90
Job No: SPM702318



SAMPLE INFORMATION

Sample Number	VCP446278	VCP415028	VCP423163	VCP404292
Sample Date	24 Apr 2024	28 Sep 2023	13 Jun 2023	06 Apr 2023
Machine Hours	6712	5054	4333	3781
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SIMS METAL MANAGEMENT

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

Visc @ 40°C	cSt	156	185	185	184
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	12	7	7	4
Sodium	ppm	8	4	5	5
Potassium	ppm	0	<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	269	19	23	17
Copper	ppm	12	26	24	21
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	4	0	<1	<1
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	0	0	0	<1
Titanium	ppm	<1	<1	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	4	<1	<1	1
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	179	315	273	6
Magnesium	ppm	4	8	11	2
Zinc	ppm	83	129	124	15
Phosphorus	ppm	740	1173	1144	1165
Barium	ppm	0	355	354	365
Boron	ppm	<1	0	1	0

Depot: SIMCHIL
Unique No: 11030485
Signed: Wes Davis
Report Date: 15 May 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

