



CONSTRUCTION EQUIPMENT

SPM606655 SENNEBOGEN 835ME 835.0.2500 - FRONT DIFFERENTIAL



Sample No: VCP415224
Oil Type: GEAR OIL SAE 80W90
Job No: SPM606655



SAMPLE INFORMATION

Sample Number	VCP415224	VCP401859	VCP399738	VCP348089
Sample Date	12 Sep 2023	20 Mar 2023	05 Jan 2023	10 Feb 2022
Machine Hours	9698	8469	7934	6910
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SIMS METAL MANAGEMENT

2500 S. PAULINA
CHICAGO, IL
US 60608
Contact: RYAN WISE
ryan.wise@simsmm.com
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OIL CONDITION

Visc @ 40°C	cSt	162	163	186	141
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CONTAMINATION

Silicon	ppm	8	4	11	1
Sodium	ppm	0	1	2	0
Potassium	ppm	1	0	0	0



WEAR METALS

Iron	ppm	17	28	12	8
Copper	ppm	38	36	5	22
Lead	ppm	<1	0	<1	0
Tin	ppm	0	0	<1	0
Aluminum	ppm	3	<1	<1	<1
Chromium	ppm	0	0	<1	0
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	138	236	2416	15
Magnesium	ppm	4	3	15	<1
Zinc	ppm	78	123	1055	17
Phosphorus	ppm	416	487	864	466
Barium	ppm	0	0	0	0
Boron	ppm	36	44	8	35

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: 10658461
Signed: Wes Davis
Report Date: 22 Sep 2023

VOLVO **GRAPHS**

