



CONSTRUCTION EQUIPMENT

SPM658738 SENNEBOGEN 835ME 835.0.2733 - REAR LEFT FINAL DRIVE



Sample No: VCP427368
Oil Type: GEAR OIL SAE 80W90
Job No: SPM658738



SAMPLE INFORMATION

Sample Number	VCP427368	VCP415046	VCP342021	---
Sample Date	03 Feb 2024	19 Oct 2023	04 Nov 2021	---
Machine Hours	7814	15132	2994	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Not Changd	Not Changd	---
Sample Status	MARGINAL	ABNORMAL	NORMAL	---

SIMS METAL MANAGEMENT

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

Visc @ 40°C	cSt	186	184	173	---
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CONTAMINATION

Water	%	▲ 0.219	NEG	NEG	---
Silicon	ppm	20	22	66	---
Sodium	ppm	0	0	5	---
Potassium	ppm	1	0	7	---

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is a light concentration of water present in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	180	▲ 569	140	---
Copper	ppm	19	3	20	---
Lead	ppm	<1	0	0	---
Tin	ppm	<1	0	0	---
Aluminum	ppm	1	1	1	---
Chromium	ppm	<1	2	1	---
Molybdenum	ppm	2	<1	<1	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	<1	<1	<1	---
Silver	ppm	<1	0	0	---
Manganese	ppm	3	8	3	---
Vanadium	ppm	<1	<1	0	---



ADDITIVES

Calcium	ppm	2415	2896	36	---
Magnesium	ppm	29	56	3	---
Zinc	ppm	971	1072	30	---
Phosphorus	ppm	887	917	949	---
Barium	ppm	0	0	263	---
Boron	ppm	18	5	34	---

Depot: SIMCHIL
Unique No: 10883420
Signed: Don Baldrige
Report Date: 19 Feb 2024



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VOLVO GRAPHS

