



CONSTRUCTION EQUIPMENT

SPM658738 SENNEBOGEN 835ME 835.0.2733 - REAR RIGHT FINAL DRIVE



Sample No: VCP415045
Oil Type: GEAR OIL SAE 80W90
Job No: SPM658738



SAMPLE INFORMATION

Sample Number	VCP415045	VCP415043	VCP342018	---
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	NORMAL	ABNORMAL	NORMAL	---

SIMS METAL MANAGEMENT

2500 S. PAULINA
CHICAGO, IL
US 60608

Contact: RYAN WISE
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OIL CONDITION

Visc @ 40°C	cSt	184	188	174	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	18	22	69	---
Sodium	ppm	0	0	<1	---
Potassium	ppm	2	0	<1	---

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	165	561	161	---
Copper	ppm	18	3	42	---
Lead	ppm	<1	0	<1	---
Tin	ppm	<1	0	0	---
Aluminum	ppm	1	1	3	---
Chromium	ppm	1	2	1	---
Molybdenum	ppm	3	<1	<1	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	<1	<1	<1	---
Silver	ppm	<1	0	<1	---
Manganese	ppm	3	8	5	---
Vanadium	ppm	<1	<1	0	---



ADDITIVES

Calcium	ppm	2243	2924	32	---
Magnesium	ppm	27	52	4	---
Zinc	ppm	917	1075	40	---
Phosphorus	ppm	829	914	1059	---
Barium	ppm	0	0	276	---
Boron	ppm	21	8	17	---

Depot: SIMCHIL
Unique No: 10883413
Signed: Don Baldrige
Report Date: 17 Feb 2024



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VOLVO GRAPHS

