



CONSTRUCTION EQUIPMENT

SPM686819 SENNEBOGEN 835ME 835.0.2350 - REAR RIGHT FINAL DRIVE



Sample No: VCP444484
Oil Type: GEAR OIL SAE 80W90
Job No: SPM686819



SAMPLE INFORMATION

Sample Number	VCP444484	VCP404524	VCP373642	---
Sample Date	15 Mar 2024	23 Mar 2023	29 Jun 2022	---
Machine Hours	15766	13021	11355	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Not Chngd	Changed	---
Sample Status	NORMAL	NORMAL	ABNORMAL	---

SIMS METAL MANAGEMENT

2500 S. PAULINA
CHICAGO, IL
US 60608

Contact: RYAN WISE
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OIL CONDITION

Visc @ 40°C	cSt	143	142	139	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	2	4	2	---
Sodium	ppm	0	<1	<1	---
Potassium	ppm	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	1	79	88	---
Copper	ppm	<1	26	20	---
Lead	ppm	1	0	0	---
Tin	ppm	1	0	<1	---
Aluminum	ppm	2	1	<1	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	1	<1	<1	---
Nickel	ppm	<1	0	0	---
Titanium	ppm	<1	0	0	---
Silver	ppm	<1	0	0	---
Manganese	ppm	<1	2	2	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	28	386	133	---
Magnesium	ppm	5	6	4	---
Zinc	ppm	15	200	74	---
Phosphorus	ppm	436	503	468	---
Barium	ppm	<1	0	1	---
Boron	ppm	4	27	34	---

Depot: SIMCHIL
Unique No: 10941452
Signed: Wes Davis
Report Date: 26 Mar 2024



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GRAPHS

