



CONSTRUCTION EQUIPMENT

SPM567475 SENNEBOGEN 835ME 835.0.2902 - REAR LEFT FINAL DRIVE



Sample No: VCP423178
Oil Type: GEAR OIL SAE 80W90
Job No: SPM567475



SAMPLE INFORMATION

Sample Number	VCP423178	VCP383165	VCP349221	---
Sample Date	26 Jun 2023	19 Apr 2023	11 Feb 2022	---
Machine Hours	3988	3469	540	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Not Chngd	Not Chngd	---
Sample Status	ABNORMAL	ABNORMAL	NORMAL	---

SIMS METAL MANAGEMENT

2500 S. PAULINA
CHICAGO, IL
US 60608

Contact: RYAN WISE
ryan.wise@simsmm.com
T:
F:



OIL CONDITION

Visc @ 40°C	cSt	184	185	186	---
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CONTAMINATION

Silicon	ppm	5	4	3	---
Sodium	ppm	5	4	4	---
Potassium	ppm	0	0	0	---



WEAR METALS

Iron	ppm	178	133	66	---
Copper	ppm	▲ 146	▲ 116	22	---
Lead	ppm	<1	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	3	2	<1	---
Chromium	ppm	1	1	<1	---
Molybdenum	ppm	0	<1	0	---
Nickel	ppm	<1	<1	0	---
Titanium	ppm	<1	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	6	5	2	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	28	3	11	---
Magnesium	ppm	5	0	0	---
Zinc	ppm	113	76	16	---
Phosphorus	ppm	1175	1138	1172	---
Barium	ppm	387	351	362	---
Boron	ppm	0	0	0	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper level is abnormal. All other 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: 10548896
Signed: Don Baldrige
Report Date: 11 Jul 2023



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GRAPHS

