



CONSTRUCTION EQUIPMENT

SPM566282 SENNEBOGEN 835ME 835.0.2518 - REAR AXLE



Sample No: VCP418515
Oil Type: GEAR OIL SAE 80W90
Job No: SPM566282



SAMPLE INFORMATION

Sample Number	VCP418515	VCP406074	VCP378250	---
Sample Date	09 Jul 2023	20 Mar 2023	20 May 2022	---
Machine Hours	9340	8821	7229	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Not Changd	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

SIMS METAL MANAGEMENT

2500 S. PAULINA
CHICAGO, IL
US 60608

Contact: RYAN WISE
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T:
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OIL CONDITION

Visc @ 40°C	cSt	187	186	140	---
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CONTAMINATION

Silicon	ppm	23	22	2	---
Sodium	ppm	2	2	<1	---
Potassium	ppm	0	0	0	---



WEAR METALS

Iron	ppm	55	48	56	---
Copper	ppm	32	28	56	---
Lead	ppm	0	0	<1	---
Tin	ppm	0	0	<1	---
Aluminum	ppm	2	2	1	---
Chromium	ppm	<1	<1	0	---
Molybdenum	ppm	3	3	<1	---
Nickel	ppm	0	0	0	---
Titanium	ppm	<1	<1	0	---
Silver	ppm	0	0	<1	---
Manganese	ppm	1	1	2	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	3248	2924	12	---
Magnesium	ppm	47	37	1	---
Zinc	ppm	1159	1057	24	---
Phosphorus	ppm	1025	955	499	---
Barium	ppm	2	<1	0	---
Boron	ppm	22	17	55	---

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: 10548937
Signed: Wes Davis
Report Date: 11 Jul 2023



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GRAPHS

