



CONSTRUCTION EQUIPMENT

SPM581201 SENNEBOGEN 835ME 835.0.2266 - REAR LEFT FINAL DRIVE



Sample No: VCP422979
Oil Type: GEAR OIL SAE 80W90
Job No: SPM581201



SAMPLE INFORMATION

Sample Number	VCP422979	VCP422516	VCP396487	VCP342003
Sample Date	11 Aug 2023	09 May 2023	28 Feb 2023	04 Nov 2021
Machine Hours	19533	19009	18581	16353
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SIMS METAL MANAGEMENT

2500 S. PAULINA
CHICAGO, IL
US 60608

Contact: RYAN WISE
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OIL CONDITION

Visc @ 40°C	cSt	142	140	184	140
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CONTAMINATION

Silicon	ppm	15	8	20	5
Sodium	ppm	<1	<1	<1	0
Potassium	ppm	<1	<1	<1	0



WEAR METALS

Iron	ppm	269	119	211	129
Copper	ppm	28	20	17	15
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	0	2	<1
Chromium	ppm	2	<1	1	<1
Molybdenum	ppm	2	2	2	2
Nickel	ppm	<1	<1	<1	0
Titanium	ppm	<1	0	<1	0
Silver	ppm	0	0	<1	0
Manganese	ppm	4	2	4	2
Vanadium	ppm	0	0	<1	<1



ADDITIVES

Calcium	ppm	601	470	1760	372
Magnesium	ppm	15	12	18	12
Zinc	ppm	277	243	874	190
Phosphorus	ppm	551	457	755	541
Barium	ppm	0	0	0	0
Boron	ppm	43	33	25	56

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: 10616414
Signed: Don Baldrige
Report Date: 23 Aug 2023



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GRAPHS

