



CONSTRUCTION EQUIPMENT

SPM645920 SENNEBOGEN 835ME 835.0.2902 - FRONT LEFT FINAL DRIVE



Sample No: VCP422961
Oil Type: GEAR OIL SAE 80W90
Job No: SPM645920



SAMPLE INFORMATION

Sample Number	VCP422961	VCP423177	VCP383257	VCP350242
Sample Date	29 Nov 2023	26 Jun 2023	19 Apr 2023	11 Feb 2022
Machine Hours	5105	3988	3469	540
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	ABNORMAL	ABNORMAL	NORMAL

SIMS METAL MANAGEMENT

2500 S. PAULINA
 CHICAGO, IL
 US 60608
 Contact: RYAN WISE
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 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	145	184	177	188
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	1	6	4	3
Sodium	ppm	<1	15	11	10
Potassium	ppm	8	1	1	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	0	706	440	159
Copper	ppm	0	302	252	67
Lead	ppm	0	1	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	1	13	10	4
Chromium	ppm	0	4	2	<1
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	0	<1	<1	0
Titanium	ppm	0	<1	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	24	18	8
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	90	9	94	25
Magnesium	ppm	10	5	2	1
Zinc	ppm	39	236	236	68
Phosphorus	ppm	281	1184	1150	1143
Barium	ppm	0	339	287	298
Boron	ppm	1	0	2	0

Depot: SIMCHIL
Unique No: 10793406
Signed: Wes Davis
Report Date: 19 Dec 2023



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GRAPHS

