



CONSTRUCTION EQUIPMENT

SPM688847 SENNEBOGEN 835ME 835.0.2078 - REAR AXLE



Sample No: VCP426476
Oil Type: GEAR OIL SAE 80W90
Job No: SPM688847



SAMPLE INFORMATION

Sample Number	VCP426476	VCP415033	VCP418506	VCP387167
Sample Date	01 Apr 2024	12 Oct 2023	19 May 2023	02 Mar 2023
Machine Hours	20857	19841	19056	18536
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	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	146	138	194	194
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	7	4	26	28
Sodium	ppm	2	0	<1	<1
Potassium	ppm	1	0	<1	<1

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	59	34	76	69
Copper	ppm	24	17	37	34
Lead	ppm	0	0	0	<1
Tin	ppm	<1	0	0	<1
Aluminum	ppm	0	0	<1	0
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	0	0	1	2
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	<1	<1	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	1	<1	1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	378	274	2221	2337
Magnesium	ppm	6	7	25	23
Zinc	ppm	177	141	977	953
Phosphorus	ppm	658	923	819	818
Barium	ppm	0	0	0	0
Boron	ppm	62	164	8	9

Depot: SIMCHIL
Unique No: 10990270
Signed: Don Baldrige
Report Date: 23 Apr 2024



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GRAPHS

