



CONSTRUCTION EQUIPMENT

SPM688692 SENNEBOGEN 835ME 835.0.2542 - REAR AXLE



Sample No: VCP426396
Oil Type: GEAR OIL SAE 80W90
Job No: SPM688692



SAMPLE INFORMATION

Sample Number	VCP426396	VCP404745	VCP345149	VCP318350
Sample Date	01 Apr 2024	04 Apr 2023	06 Jul 2022	02 Aug 2021
Machine Hours	9624	7921	6511	4377
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Changed
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	196	118	134	136
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	22	16	10	1
Sodium	ppm	2	<1	0	0
Potassium	ppm	<1	0	0	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	105	108	123	42
Copper	ppm	42	16	11	19
Lead	ppm	<1	0	<1	0
Tin	ppm	<1	0	<1	0
Aluminum	ppm	1	0	1	0
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	1	4	3	2
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	<1	0
Manganese	ppm	3	2	2	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	2129	2284	1954	42
Magnesium	ppm	35	42	28	3
Zinc	ppm	992	1155	950	17
Phosphorus	ppm	886	946	805	423
Barium	ppm	11	0	<1	4
Boron	ppm	11	9	18	56

Depot: SIMCHIL
Unique No: 10990271
Signed: Don Baldrige
Report Date: 23 Apr 2024



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GRAPHS

