



CONSTRUCTION EQUIPMENT

SPM688692 SENNEBOGEN 835ME 835.0.2542 - REAR LEFT FINAL DRIVE



Sample No: VCP426436
Oil Type: GEAR OIL SAE 80W90
Job No: SPM688692



SAMPLE INFORMATION

Sample Number	VCP426436	VCP404746	VCP353613	VCP357066
Sample Date	01 Apr 2024	04 Apr 2023	06 Jul 2022	07 Apr 2022
Machine Hours	9624	7921	6511	5944
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SIMS METAL MANAGEMENT

2500 S. PAULINA
CHICAGO, IL
US 60608
Contact: RYAN WISE
ryan.wise@simsmm.com
T:
F:



OIL CONDITION

Visc @ 40°C	cSt	196	122	111	111
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	20	16	8	8
Sodium	ppm	<1	<1	0	<1
Potassium	ppm	0	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 fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	106	109	81	44
Copper	ppm	39	16	9	8
Lead	ppm	0	0	<1	<1
Tin	ppm	0	0	<1	<1
Aluminum	ppm	1	0	1	1
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	2	4	4	3
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	0	<1	<1
Silver	ppm	<1	0	1	<1
Manganese	ppm	3	2	1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	2163	2270	2180	2243
Magnesium	ppm	26	42	39	42
Zinc	ppm	981	1158	1122	1180
Phosphorus	ppm	841	943	912	1019
Barium	ppm	2	0	0	0
Boron	ppm	9	9	13	11

Depot: SIMCHIL
Unique No: 10990286
Signed: Don Baldrige
Report Date: 23 Apr 2024



CONSTRUCTION EQUIPMENT



GRAPHS

