



CONSTRUCTION EQUIPMENT

SPM688436 SENNEBOGEN 835ME 835.0.3070 - REAR RIGHT FINAL DRIVE



Sample No: VCP427252
Oil Type: GEAR OIL SAE 80W90
Job No: SPM688436



SAMPLE INFORMATION

Sample Number	VCP427252	VCP421618	VCP411426	VCP402117
Sample Date	22 Mar 2024	11 Jan 2024	11 Aug 2023	20 Mar 2023
Machine Hours	3312	3166	2080	1076
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

BELSON STEEL
1685 N STATE RTE 50
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F:



OIL CONDITION

Visc @ 40°C	cSt	198	187	140	185
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	21	14	6	7
Sodium	ppm	<1	2	<1	3
Potassium	ppm	0	<1	0	<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	123	53	62	82
Copper	ppm	40	13	11	16
Lead	ppm	0	<1	0	0
Tin	ppm	0	<1	<1	0
Aluminum	ppm	2	<1	0	<1
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	2	1	<1	<1
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	3	1	1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	2225	2071	16	13
Magnesium	ppm	27	34	0	1
Zinc	ppm	1012	931	15	16
Phosphorus	ppm	874	873	806	1310
Barium	ppm	2	4	32	371
Boron	ppm	9	9	21	2

Depot: BELBOU
Unique No: 10990289
Signed: Don Baldrige
Report Date: 23 Apr 2024



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GRAPHS

