



CONSTRUCTION EQUIPMENT

SPM646181 SENNEBOGEN 835ME 835.0.2718 - REAR RIGHT FINAL DRIVE



Sample No: VCP433450
Oil Type: GEAR OIL SAE 80W90
Job No: SPM646181



SAMPLE INFORMATION

Sample Number	VCP433450	VCP415016	VCP423390	VCP399983
Sample Date	07 Dec 2023	12 Sep 2023	25 May 2023	28 Feb 2023
Machine Hours	8880	8383	7855	7325
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Chngd	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

BELSON STEEL
 1685 N STATE RTE 50
 BOURBONNAIS, IL
 US 60914
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 F:



OIL CONDITION

Visc @ 40°C	cSt	137	160	144	151
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	11	3	3
Sodium	ppm	<1	10	0	1
Potassium	ppm	1	4	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	47	179	11	46
Copper	ppm	29	<1	8	20
Lead	ppm	0	0	0	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	1	4	0	1
Chromium	ppm	0	6	0	<1
Molybdenum	ppm	0	<1	0	<1
Nickel	ppm	0	<1	0	<1
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	6	<1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	39	61	146	62
Magnesium	ppm	1	2	3	2
Zinc	ppm	29	15	76	37
Phosphorus	ppm	647	282	1960	1754
Barium	ppm	0	0	0	0
Boron	ppm	20	0	176	106

Depot: BELBOU
Unique No: 10793377
Signed: Wes Davis
Report Date: 19 Dec 2023



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GRAPHS

