



CONSTRUCTION EQUIPMENT

SPM646181 SENNEBOGEN 835ME 835.0.2718 - REAR AXLE



Sample No: VCP433820
Oil Type: GEAR OIL SAE 80W90
Job No: SPM646181



SAMPLE INFORMATION

Sample Number	VCP433820	VCP415017	VCP423378	VCP399973
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 Changd	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

BELSON STEEL
 1685 N STATE RTE 50
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 F:



OIL CONDITION

Visc @ 40°C	cSt	136	160	144	150
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	11	2	2
Sodium	ppm	2	10	0	1
Potassium	ppm	3	3	<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	10	184	8	40
Copper	ppm	2	<1	6	19
Lead	ppm	0	0	0	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	<1	3	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	<1	6	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	22	43	141	59
Magnesium	ppm	7	2	4	<1
Zinc	ppm	16	13	70	39
Phosphorus	ppm	538	293	1878	1736
Barium	ppm	<1	0	0	0
Boron	ppm	7	0	171	113

Depot: BELBOU
Unique No: 10793375
Signed: Wes Davis
Report Date: 19 Dec 2023



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GRAPHS

