



CONSTRUCTION EQUIPMENT

SPM701405 SENNEBOGEN 835ME 835.0.2718 - REAR RIGHT FINAL DRIVE



Sample No: VCP425148
Oil Type: GEAR OIL SAE 80W90
Job No: SPM701405



SAMPLE INFORMATION

Sample Number	VCP425148	VCP433450	VCP415016	VCP423390
Sample Date	12 Apr 2024	07 Dec 2023	12 Sep 2023	25 May 2023
Machine Hours	9760	8880	8383	7855
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Not Chngd	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	139	137	160	144
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	3	11	3
Sodium	ppm	0	<1	10	0
Potassium	ppm	0	1	4	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	58	47	179	11
Copper	ppm	28	29	<1	8
Lead	ppm	0	0	0	0
Tin	ppm	<1	<1	0	0
Aluminum	ppm	0	1	4	0
Chromium	ppm	0	0	6	0
Molybdenum	ppm	0	0	<1	0
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	2	6	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	40	39	61	146
Magnesium	ppm	3	1	2	3
Zinc	ppm	26	29	15	76
Phosphorus	ppm	664	647	282	1960
Barium	ppm	0	0	0	0
Boron	ppm	16	20	0	176

Depot: BELBOU
Unique No: 10996154
Signed: Wes Davis
Report Date: 30 Apr 2024



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VOLVO GRAPHS

