



CONSTRUCTION EQUIPMENT

SPM701405 SENNEBOGEN 835ME 835.0.2718 - REAR AXLE



Sample No: VCP06160725
Oil Type: GEAR OIL SAE 80W90
Job No: SPM701405



SAMPLE INFORMATION

Sample Number	VCP06160725	VCP433820	VCP415017	VCP423378
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
Contact: M. POZAN
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F:



OIL CONDITION

Visc @ 40°C	cSt	167	136	160	144
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	12	3	11	2
Sodium	ppm	8	2	10	0
Potassium	ppm	1	3	3	<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	109	10	184	8
Copper	ppm	6	2	<1	6
Lead	ppm	0	0	0	0
Tin	ppm	<1	<1	0	0
Aluminum	ppm	<1	<1	3	0
Chromium	ppm	3	0	6	0
Molybdenum	ppm	0	0	<1	0
Nickel	ppm	0	0	<1	0
Titanium	ppm	2	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	3	<1	6	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	331	22	43	141
Magnesium	ppm	16	7	2	4
Zinc	ppm	157	16	13	70
Phosphorus	ppm	945	538	293	1878
Barium	ppm	<1	<1	0	0
Boron	ppm	30	7	0	171

Depot: BELBOU
Unique No: 10996148
Signed: Jonathan Hester
Report Date: 30 Apr 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

