



CONSTRUCTION EQUIPMENT

SPM701405 SENNEBOGEN 835ME 835.0.2718 - FRONT LEFT FINAL DRIVE



Sample No: VCP426446
Oil Type: GEAR OIL SAE 80W90
Job No: SPM701405



SAMPLE INFORMATION

Sample Number	VCP426446	VCP433818	VCP415010	VCP423380
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	ABNORMAL	NORMAL	ABNORMAL

BELSON STEEL

1685 N STATE RTE 50
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F:



OIL CONDITION

Visc @ 40°C	cSt	138	138	160	136
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CONTAMINATION

Water	%	NEG	0.074	NEG	NEG
Silicon	ppm	2	2	11	3
Sodium	ppm	0	1	10	<1
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	51	88	184	41
Copper	ppm	18	381	<1	174
Lead	ppm	0	4	0	2
Tin	ppm	<1	<1	0	0
Aluminum	ppm	0	13	3	6
Chromium	ppm	0	<1	6	0
Molybdenum	ppm	0	0	<1	<1
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	12	6	6
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	64	57	47	652
Magnesium	ppm	4	2	2	9
Zinc	ppm	37	194	17	411
Phosphorus	ppm	623	618	290	1653
Barium	ppm	1	0	0	0
Boron	ppm	16	20	0	130

Depot: BELBOU
Unique No: 10996150
Signed: Wes Davis
Report Date: 30 Apr 2024



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VOLVO GRAPHS

