



CONSTRUCTION EQUIPMENT

SPM595860 SENNEBOGEN 835ME 835.0.2718 - REAR LEFT FINAL DRIVE



Sample No: VCP415008
Oil Type: GEAR OIL SAE 80W90
Job No: SPM595860



SAMPLE INFORMATION

Sample Number	VCP415008	VCP423389	VCP399986	VCP361309
Sample Date	12 Sep 2023	25 May 2023	28 Feb 2023	19 Apr 2022
Machine Hours	8383	7855	7325	5222
Oil Hours	0	0	0	0
Oil Changed	Not Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

BELSON STEEL
1685 N STATE RTE 50
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F:

OIL CONDITION

Visc @ 40°C	cSt	159	145	150	151
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CONTAMINATION

Silicon	ppm	11	2	2	7
Sodium	ppm	11	0	1	0
Potassium	ppm	4	<1	<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. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

WEAR METALS

Iron	ppm	186	9	39	74
Copper	ppm	<1	6	20	68
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	<1
Aluminum	ppm	3	0	<1	2
Chromium	ppm	6	0	<1	<1
Molybdenum	ppm	<1	0	0	1
Nickel	ppm	<1	0	0	0
Titanium	ppm	<1	0	0	<1
Silver	ppm	0	0	0	11
Manganese	ppm	6	<1	<1	2
Vanadium	ppm	0	0	0	0

ADDITIVES

Calcium	ppm	58	143	52	864
Magnesium	ppm	2	4	<1	14
Zinc	ppm	17	71	34	382
Phosphorus	ppm	288	1871	1783	1434
Barium	ppm	0	0	0	0
Boron	ppm	0	169	107	119

Depot: BELBOU
Unique No: 10658472
Signed: Don Baldrige
Report Date: 22 Sep 2023



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VOLVO GRAPHS

