



CONSTRUCTION EQUIPMENT

SPM688428 SENNEBOGEN 835M 835.0.3000 - REAR LEFT FINAL DRIVE



Sample No: VCP427246
Oil Type: GEAR OIL SAE 80W90
Job No: SPM688428



SAMPLE INFORMATION

Sample Number	VCP427246	VCP432591	VCP407611	VCP399532
Sample Date	22 Mar 2024	26 Oct 2023	25 May 2023	21 Mar 2023
Machine Hours	4647	4088	3007	2502
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	ATTENTION

BELSON STEEL
 1685 N STATE RTE 50
 BOURBONNAIS, IL
 US 60914
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 F:



OIL CONDITION

Visc @ 40°C	cSt	137	144	194	191
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	4	18	24
Sodium	ppm	<1	<1	1	<1
Potassium	ppm	0	0	<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	43	77	40	38
Copper	ppm	1	11	10	9
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	0	1
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	0	0	1	2
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	<1	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	1	1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	51	124	2050	2368
Magnesium	ppm	0	0	30	29
Zinc	ppm	13	59	932	1025
Phosphorus	ppm	444	440	845	995
Barium	ppm	0	0	17	34
Boron	ppm	0	0	<1	0

Depot: BELBOU
Unique No: 10990293
Signed: Wes Davis
Report Date: 22 Apr 2024



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VOLVO GRAPHS

