



CONSTRUCTION EQUIPMENT

SPM633652 SENNEBOGEN 835ME 835.0.2845 - FRONT LEFT FINAL DRIVE



Sample No: VCP433164
Oil Type: GEAR OIL SAE 80W90
Job No: SPM633652



SAMPLE INFORMATION

Sample Number	VCP433164	VCP406548	VCP396933	VCP400517
Sample Date	10 Nov 2023	04 Aug 2023	24 May 2023	22 Mar 2023
Machine Hours	6152	5542	5027	4535
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Chngd	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	152	144	178	182
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	7	13	12	21
Sodium	ppm	5	2	4	5
Potassium	ppm	2	<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. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	175	109	289	333
Copper	ppm	19	38	32	38
Lead	ppm	0	0	0	0
Tin	ppm	0	<1	0	0
Aluminum	ppm	0	2	5	3
Chromium	ppm	<1	<1	0	1
Molybdenum	ppm	<1	<1	0	2
Nickel	ppm	0	<1	0	<1
Titanium	ppm	<1	8	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	3	2	5	7
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	199	335	1430	1670
Magnesium	ppm	0	9	18	19
Zinc	ppm	104	182	644	758
Phosphorus	ppm	610	598	1184	1271
Barium	ppm	0	9	18	43
Boron	ppm	12	10	35	30

Depot: BELBOU
Unique No: 10777983
Signed: Wes Davis
Report Date: 09 Dec 2023



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VOLVO GRAPHS

