



CONSTRUCTION EQUIPMENT

SPM633652 SENNEBOGEN 835ME 835.0.2845 - REAR RIGHT FINAL DRIVE



Sample No: VCP433171
Oil Type: GEAR OIL SAE 80W90
Job No: SPM633652



SAMPLE INFORMATION

Sample Number	VCP433171	VCP406644	VCP399519	VCP400515
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 Changd	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	138	143	190	189
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	5	19	25
Sodium	ppm	3	0	<1	<1
Potassium	ppm	6	<1	0	<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	46	40	25	27
Copper	ppm	11	10	15	8
Lead	ppm	0	0	0	0
Tin	ppm	0	<1	0	0
Aluminum	ppm	0	<1	5	1
Chromium	ppm	0	<1	0	<1
Molybdenum	ppm	0	<1	<1	2
Nickel	ppm	0	<1	0	<1
Titanium	ppm	<1	2	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	0	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	98	148	2102	▲ 2387
Magnesium	ppm	0	5	31	30
Zinc	ppm	39	72	988	▲ 1026
Phosphorus	ppm	467	470	974	1093
Barium	ppm	0	2	0	4
Boron	ppm	4	3	12	13

Depot: BELBOU
Unique No: 10777959
Signed: Wes Davis
Report Date: 09 Dec 2023

VOLVO GRAPHS

