



CONSTRUCTION EQUIPMENT

SPM673743 SENNEBOGEN 835ME 835.0.2845 - FRONT RIGHT FINAL DRIVE



Sample No: VCP437148
Oil Type: GEAR OIL SAE 80W90
Job No: SPM673743



SAMPLE INFORMATION

Sample Number	VCP437148	VCP433442	VCP406643	VCP407626
Sample Date	07 Feb 2024	10 Nov 2023	04 Aug 2023	24 May 2023
Machine Hours	6681	6152	5542	5027
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

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



OIL CONDITION

Visc @ 40°C	cSt	144	145	150	184
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	5	6	12	15
Sodium	ppm	<1	4	2	1
Potassium	ppm	<1	5	<1	0

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	86	143	151	129
Copper	ppm	16	43	16	▲ 94
Lead	ppm	0	0	0	<1
Tin	ppm	<1	0	<1	0
Aluminum	ppm	<1	<1	2	5
Chromium	ppm	<1	<1	<1	0
Molybdenum	ppm	0	0	<1	0
Nickel	ppm	0	0	<1	0
Titanium	ppm	<1	<1	6	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	3	3	4
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	122	312	212	1802
Magnesium	ppm	5	0	8	23
Zinc	ppm	63	171	111	824
Phosphorus	ppm	533	620	563	1090
Barium	ppm	2	0	9	8
Boron	ppm	4	10	7	23

Depot: BELBOU
Unique No: 10900234
Signed: Wes Davis
Report Date: 28 Feb 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

