



CONSTRUCTION EQUIPMENT

SPM593166 SENNEBOGEN 835M 835.0.2566 - FRONT LEFT FINAL DRIVE



Sample No: VCP423233
Oil Type: GEAR OIL SAE 80W90
Job No: SPM593166



SAMPLE INFORMATION

Sample Number	VCP423233	VCP399808	VCP372273	VCP345384
Sample Date	04 Aug 2023	21 Feb 2023	19 Apr 2022	07 Dec 2021
Machine Hours	10070	8966	6814	5746
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	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	188	142	179	178
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CONTAMINATION

Silicon	ppm	14	4	31	50
Sodium	ppm	0	<1	1	3
Potassium	ppm	<1	0	10	12

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	45	97	214	▲ 620
Copper	ppm	33	39	31	▲ 63
Lead	ppm	<1	0	1	2
Tin	ppm	0	0	0	<1
Aluminum	ppm	2	<1	10	14
Chromium	ppm	<1	<1	2	5
Molybdenum	ppm	1	2	2	2
Nickel	ppm	<1	0	0	1
Titanium	ppm	<1	0	<1	1
Silver	ppm	0	0	1	<1
Manganese	ppm	1	2	6	12
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	2529	133	2607	1789
Magnesium	ppm	20	19	43	42
Zinc	ppm	1125	93	999	723
Phosphorus	ppm	1011	1878	861	753
Barium	ppm	1	0	0	0
Boron	ppm	15	171	14	23

Depot: BELBOU
Unique No: 10602463
Signed: Sean Felton
Report Date: 14 Aug 2023



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VOLVO GRAPHS

