



CONSTRUCTION EQUIPMENT

SPM593166 SENNEBOGEN 835M 835.0.2566 - FRONT RIGHT FINAL DRIVE



Sample No: VCP423144
Oil Type: GEAR OIL SAE 80W90
Job No: SPM593166



SAMPLE INFORMATION

Sample Number	VCP423144	VCP399815	VCP361335	VCP343328
Sample Date	04 Aug 2023	21 Feb 2023	19 Apr 2022	07 Dec 2021
Machine Hours	10070	8939	6814	5746
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	ABNORMAL	ABNORMAL

BELSON STEEL
1685 N STATE RTE 50
BOURBONNAIS, IL
US 60914
Contact: M. POZAN
mpozan@belsonsteel.com
T: (815)932-7416
F:



OIL CONDITION

Visc @ 40°C	cSt	188	162	191	170
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CONTAMINATION

Silicon	ppm	17	48	▲ 125	48
Sodium	ppm	0	4	6	0
Potassium	ppm	1	22	55	19

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	289	▲ 739	▲ 619
Copper	ppm	34	51	▲ 99	51
Lead	ppm	<1	2	4	1
Tin	ppm	0	0	<1	0
Aluminum	ppm	2	16	▲ 39	14
Chromium	ppm	<1	3	9	5
Molybdenum	ppm	1	5	2	1
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	4	1	3	1
Silver	ppm	0	0	1	0
Manganese	ppm	1	9	23	12
Vanadium	ppm	0	<1	<1	<1



ADDITIVES

Calcium	ppm	2527	1711	2666	1519
Magnesium	ppm	21	79	95	28
Zinc	ppm	1116	666	1023	638
Phosphorus	ppm	1004	1313	875	701
Barium	ppm	1	2	0	10
Boron	ppm	15	105	51	19

Depot: BELBOU
Unique No: 10602448
Signed: Sean Felton
Report Date: 14 Aug 2023



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VOLVO GRAPHS

