



CONSTRUCTION EQUIPMENT

SPM593192 SENNEBOGEN 835ME 835.0.2845 - FRONT RIGHT FINAL DRIVE



Sample No: VCP406643
Oil Type: GEAR OIL SAE 80W90
Job No: SPM593192



SAMPLE INFORMATION

Sample Number	VCP406643	VCP407626	VCP400520	VCP378912
Sample Date	04 Aug 2023	24 May 2023	22 Mar 2023	23 May 2022
Machine Hours	5542	5027	4535	2518
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Changed	Not Chngd
Sample Status	NORMAL	ABNORMAL	ABNORMAL	SEVERE

BELSON STEEL

1685 N STATE RTE 50
BOURBONNAIS, IL
US 60914
Contact: M. POZAN
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F:



OIL CONDITION

Visc @ 40°C	cSt	150	184	185	183
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CONTAMINATION

Silicon	ppm	12	15	20	6
Sodium	ppm	2	1	2	6
Potassium	ppm	<1	0	<1	1



WEAR METALS

Iron	ppm	151	129	125	588
Copper	ppm	16	94	84	475
Lead	ppm	0	<1	0	1
Tin	ppm	<1	0	0	0
Aluminum	ppm	2	5	4	17
Chromium	ppm	<1	0	<1	3
Molybdenum	ppm	<1	0	2	<1
Nickel	ppm	<1	0	<1	0
Titanium	ppm	6	0	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	3	4	4	29
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	212	1802	1917	138
Magnesium	ppm	8	23	23	4
Zinc	ppm	111	824	899	422
Phosphorus	ppm	563	1090	1207	1115
Barium	ppm	9	8	30	271
Boron	ppm	7	23	27	3

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.

Depot: BELBOU
Unique No: 10602452
Signed: Wes Davis
Report Date: 12 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

