



CONSTRUCTION EQUIPMENT

SPM593192 SENNEBOGEN 835ME 835.0.2845 - REAR AXLE



Sample No: VCP406646
Oil Type: GEAR OIL SAE 80W90
Job No: SPM593192



SAMPLE INFORMATION

Sample Number	VCP406646	VCP399521	VCP400519	VCP378904
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	NORMAL	NORMAL	NORMAL

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

OIL CONDITION

Visc @ 40°C	cSt	143	191	195	183
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CONTAMINATION

Silicon	ppm	5	19	28	4
Sodium	ppm	0	<1	<1	3
Potassium	ppm	<1	<1	<1	<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	43	26	8	242
Copper	ppm	11	15	2	74
Lead	ppm	<1	0	0	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	<1	5	1	0
Chromium	ppm	<1	0	<1	1
Molybdenum	ppm	<1	<1	2	0
Nickel	ppm	<1	0	<1	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	0	<1	5
Vanadium	ppm	0	0	0	0

ADDITIVES

Calcium	ppm	145	2068	2624	19
Magnesium	ppm	5	32	34	1
Zinc	ppm	71	973	1135	55
Phosphorus	ppm	477	959	990	1128
Barium	ppm	2	0	0	333
Boron	ppm	5	13	2	3

Depot: BELBOU
Unique No: 10602487
Signed: Wes Davis
Report Date: 13 Aug 2023



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GRAPHS

