



CONSTRUCTION EQUIPMENT

SPM593192 SENNEBOGEN 835ME 835.0.2845 - REAR LEFT FINAL DRIVE



Sample No: VCP406641
Oil Type: GEAR OIL SAE 80W90
Job No: SPM593192



SAMPLE INFORMATION

Sample Number	VCP406641	VCP399520	VCP400521	VCP378907
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
US 60914
Contact: M. POZAN
mpozan@belsonsteel.com
T: (815)932-7416
F:



OIL CONDITION

Visc @ 40°C	cSt	143	190	189	184
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CONTAMINATION

Silicon	ppm	9	18	25	5
Sodium	ppm	<1	<1	<1	4
Potassium	ppm	<1	0	<1	<1



WEAR METALS

Iron	ppm	41	25	28	252
Copper	ppm	10	15	8	75
Lead	ppm	0	0	0	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	<1	5	1	<1
Chromium	ppm	<1	0	<1	2
Molybdenum	ppm	<1	<1	2	0
Nickel	ppm	<1	0	<1	0
Titanium	ppm	6	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	0	<1	6
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	134	2102	2366	20
Magnesium	ppm	6	32	31	2
Zinc	ppm	64	984	1036	60
Phosphorus	ppm	459	966	1088	1148
Barium	ppm	2	0	3	342
Boron	ppm	3	12	14	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: 10602450
Signed: Wes Davis
Report Date: 12 Aug 2023



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GRAPHS

