



CONSTRUCTION EQUIPMENT

SPM673743 SENNEBOGEN 835ME 835.0.2845 - REAR AXLE



Sample No: VCP437164
Oil Type: GEAR OIL SAE 80W90
Job No: SPM673743



SAMPLE INFORMATION

Sample Number	VCP437164	VCP433163	VCP406646	VCP399521
Sample Date	07 Feb 2024	10 Nov 2023	04 Aug 2023	24 May 2023
Machine Hours	6681	6152	5542	5027
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

BELSON STEEL
 1685 N STATE RTE 50
 BOURBONNAIS, IL
 US 60914
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 F:



OIL CONDITION

Visc @ 40°C	cSt	141	136	143	191
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	3	5	19
Sodium	ppm	<1	3	0	<1
Potassium	ppm	<1	5	<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	51	7	43	26
Copper	ppm	10	3	11	15
Lead	ppm	0	0	<1	0
Tin	ppm	<1	0	<1	0
Aluminum	ppm	0	0	<1	5
Chromium	ppm	0	0	<1	0
Molybdenum	ppm	0	0	<1	<1
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	0	<1	0
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	100	25	145	2068
Magnesium	ppm	5	0	5	32
Zinc	ppm	41	8	71	973
Phosphorus	ppm	499	484	477	959
Barium	ppm	0	0	2	0
Boron	ppm	5	4	5	13

Depot: BELBOU
Unique No: 10900232
Signed: Wes Davis
Report Date: 29 Feb 2024



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GRAPHS

