



CONSTRUCTION EQUIPMENT

SPM673743 SENNEBOGEN 835ME 835.0.2845 - REAR RIGHT FINAL DRIVE



Sample No: VCP437149
Oil Type: GEAR OIL SAE 80W90
Job No: SPM673743



SAMPLE INFORMATION

Sample Number	VCP437149	VCP433171	VCP406644	VCP399519
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
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 US 60914
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OIL CONDITION

Visc @ 40°C	cSt	140	138	143	190
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	4	5	19
Sodium	ppm	<1	3	0	<1
Potassium	ppm	<1	6	<1	0

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	54	46	40	25
Copper	ppm	10	11	10	15
Lead	ppm	0	0	0	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	<1	<1	2	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	0
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	99	98	148	2102
Magnesium	ppm	4	0	5	31
Zinc	ppm	37	39	72	988
Phosphorus	ppm	480	467	470	974
Barium	ppm	0	0	2	0
Boron	ppm	5	4	3	12

Depot: BELBOU
Unique No: 10900230
Signed: Wes Davis
Report Date: 28 Feb 2024



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GRAPHS

