



CONSTRUCTION EQUIPMENT

SPM673743 SENNEBOGEN 835ME 835.0.2845 - REAR RIGHT FINAL DRIVE



Sample No: VCP437152
Oil Type: GEAR OIL SAE 80W90
Job No: SPM673743



SAMPLE INFORMATION

Sample Number	VCP437152	VCP437149	VCP433171	VCP406644
Sample Date	07 Feb 2024	07 Feb 2024	10 Nov 2023	04 Aug 2023
Machine Hours	6681	6681	6152	5542
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

BELSON STEEL
 1685 N STATE RTE 50
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 F:



OIL CONDITION

Visc @ 40°C	cSt	139	140	138	143
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	4	4	5
Sodium	ppm	<1	<1	3	0
Potassium	ppm	<1	<1	6	<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	47	54	46	40
Copper	ppm	10	10	11	10
Lead	ppm	0	0	0	0
Tin	ppm	<1	<1	0	<1
Aluminum	ppm	0	0	0	<1
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	0	0	0	<1
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	<1	<1	2
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	<1	0



ADDITIVES

Calcium	ppm	77	99	98	148
Magnesium	ppm	4	4	0	5
Zinc	ppm	26	37	39	72
Phosphorus	ppm	478	480	467	470
Barium	ppm	0	0	0	2
Boron	ppm	5	5	4	3

Depot: BELBOU
Unique No: 10900236
Signed: Wes Davis
Report Date: 28 Feb 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

