



CONSTRUCTION EQUIPMENT

SPM621371 SENNEBOGEN 835M 835.0.3000 - REAR RIGHT FINAL DRIVE



Sample No: VCP433709
Oil Type: GEAR OIL SAE 80W90
Job No: SPM621371



SAMPLE INFORMATION

Sample Number	VCP433709	VCP407627	VCP399531	VCP353615
Sample Date	26 Oct 2023	25 May 2023	21 Mar 2023	06 Jul 2022
Machine Hours	4088	3007	2502	545
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	ATTENTION	ABNORMAL

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



OIL CONDITION

Visc @ 40°C	cSt	143	194	192	179
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CONTAMINATION

Silicon	ppm	5	19	25	3
Sodium	ppm	<1	1	<1	3
Potassium	ppm	0	<1	<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	83	40	38	78
Copper	ppm	13	11	9	26
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	<1
Aluminum	ppm	0	0	1	<1
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	0	1	2	<1
Nickel	ppm	0	0	<1	<1
Titanium	ppm	<1	<1	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	<1	<1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	130	2113	2376	12
Magnesium	ppm	0	31	29	<1
Zinc	ppm	61	961	1031	26
Phosphorus	ppm	449	875	1005	1069
Barium	ppm	0	17	34	315
Boron	ppm	<1	1	4	5

Depot: BELBOU
Unique No: 10726655
Signed: Don Baldrige
Report Date: 06 Nov 2023



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VOLVO GRAPHS

