



CONSTRUCTION EQUIPMENT

SPM621371 SENNEBOGEN 835M 835.0.3000 - REAR LEFT FINAL DRIVE



Sample No: VCP432591
Oil Type: GEAR OIL SAE 80W90
Job No: SPM621371



SAMPLE INFORMATION

Sample Number	VCP432591	VCP407611	VCP399532	VCP353599
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	N/A
Sample Status	NORMAL	NORMAL	ATTENTION	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	144	194	191	183
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Silicon	ppm	4	18	24	3
Sodium	ppm	<1	1	<1	3
Potassium	ppm	0	<1	<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	77	40	38	55
Copper	ppm	11	10	9	21
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	1	<1
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	0	1	2	<1
Nickel	ppm	0	0	<1	<1
Titanium	ppm	<1	0	<1	0
Silver	ppm	0	0	0	9
Manganese	ppm	1	<1	<1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	124	2050	2368	61
Magnesium	ppm	0	30	29	3
Zinc	ppm	59	932	1025	56
Phosphorus	ppm	440	845	995	1209
Barium	ppm	0	17	34	339
Boron	ppm	0	<1	0	4

Depot: BELBOU
Unique No: 10726657
Signed: Don Baldrige
Report Date: 06 Nov 2023



CONSTRUCTION EQUIPMENT



GRAPHS

