



CONSTRUCTION EQUIPMENT

SPM688428 SENNEBOGEN 835M 835.0.3000 - LEFT SWING DRIVE



Sample No: VCP427244
Oil Type: GEAR OIL SAE 80W90
Job No: SPM688428



SAMPLE INFORMATION

Sample Number	VCP427244	VCP433708	VCP399741	VCP353606
Sample Date	22 Mar 2024	26 Oct 2023	21 Mar 2023	06 Jul 2022
Machine Hours	4647	4088	2502	545
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Not Changd	N/A
Sample Status	NORMAL	ABNORMAL	ABNORMAL	NORMAL

BELSON STEEL

1685 N STATE RTE 50
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F:



OIL CONDITION

Visc @ 40°C	cSt	216	211	200	205
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CONTAMINATION

Water	%	0.068	0.320	0.093	NEG
Silicon	ppm	24	23	19	3
Sodium	ppm	2	<1	0	2
Potassium	ppm	<1	0	1	2

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	170	396	193	291
Copper	ppm	86	223	187	22
Lead	ppm	0	1	0	<1
Tin	ppm	5	14	8	2
Aluminum	ppm	0	0	<1	1
Chromium	ppm	1	2	1	1
Molybdenum	ppm	0	0	<1	0
Nickel	ppm	0	0	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	2	3	2	3
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	142	485	630	13
Magnesium	ppm	1	0	5	<1
Zinc	ppm	62	201	330	65
Phosphorus	ppm	419	465	623	425
Barium	ppm	0	0	0	0
Boron	ppm	<1	7	4	15

Depot: BELBOU
Unique No: 10990256
Signed: Don Baldrige
Report Date: 23 Apr 2024



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GRAPHS

