



CONSTRUCTION EQUIPMENT

SPM646181 SENNEBOGEN 835ME 835.0.2718 - FRONT AXLE



Sample No: VCP433444
Oil Type: GEAR OIL SAE 80W90
Job No: SPM646181



SAMPLE INFORMATION

Sample Number	VCP433444	VCP415013	VCP423377	VCP399988
Sample Date	07 Dec 2023	12 Sep 2023	25 May 2023	28 Feb 2023
Machine Hours	8880	8383	7855	7325
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Chngd	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	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	136	159	145	151
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	12	2	2
Sodium	ppm	<1	10	0	1
Potassium	ppm	<1	4	<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	6	187	1	4
Copper	ppm	7	<1	<1	3
Lead	ppm	0	0	0	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	<1	3	0	<1
Chromium	ppm	0	6	0	0
Molybdenum	ppm	0	<1	0	0
Nickel	ppm	0	<1	0	<1
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	6	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	13	43	137	4
Magnesium	ppm	<1	2	3	<1
Zinc	ppm	9	15	64	3
Phosphorus	ppm	514	297	1838	1738
Barium	ppm	0	0	0	0
Boron	ppm	7	0	162	97

Depot: BELBOU
Unique No: 10793379
Signed: Wes Davis
Report Date: 19 Dec 2023



CONSTRUCTION EQUIPMENT



GRAPHS

