



CONSTRUCTION EQUIPMENT

SPM595860 SENNEBOGEN 835ME 835.0.2718 - REAR AXLE



Sample No: VCP415017
Oil Type: GEAR OIL SAE 80W90
Job No: SPM595860



SAMPLE INFORMATION

Sample Number	VCP415017	VCP423378	VCP399973	VCP339324
Sample Date	12 Sep 2023	25 May 2023	28 Feb 2023	19 Apr 2022
Machine Hours	8383	7855	7325	5222
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Not Chngd	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	160	144	150	152
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Silicon	ppm	11	2	2	10
Sodium	ppm	10	0	1	0
Potassium	ppm	3	<1	<1	1



WEAR METALS

Iron	ppm	184	8	40	69
Copper	ppm	<1	6	19	79
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	<1
Aluminum	ppm	3	0	<1	2
Chromium	ppm	6	0	<1	<1
Molybdenum	ppm	<1	0	<1	1
Nickel	ppm	<1	0	<1	0
Titanium	ppm	<1	0	0	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	6	<1	<1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	43	141	59	1080
Magnesium	ppm	2	4	<1	14
Zinc	ppm	13	70	39	451
Phosphorus	ppm	293	1878	1736	1619
Barium	ppm	0	0	0	0
Boron	ppm	0	171	113	106

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. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

Depot: BELBOU
Unique No: 10658480
Signed: Don Baldrige
Report Date: 22 Sep 2023



CONSTRUCTION EQUIPMENT



GRAPHS

