



CONSTRUCTION EQUIPMENT

SPM595860 SENNEBOGEN 835ME 835.0.2718 - REAR RIGHT FINAL DRIVE



Sample No: VCP415016
Oil Type: GEAR OIL SAE 80W90
Job No: SPM595860



SAMPLE INFORMATION

Sample Number	VCP415016	VCP423390	VCP399983	VCP343323
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	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	160	144	151	141
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CONTAMINATION

Silicon	ppm	11	3	3	5
Sodium	ppm	10	0	1	10
Potassium	ppm	4	1	<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. 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.



WEAR METALS

Iron	ppm	179	11	46	49
Copper	ppm	<1	8	20	60
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	4	0	1	2
Chromium	ppm	6	0	<1	<1
Molybdenum	ppm	<1	0	<1	<1
Nickel	ppm	<1	0	<1	8
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	6	<1	1	2
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	61	146	62	209
Magnesium	ppm	2	3	2	3
Zinc	ppm	15	76	37	119
Phosphorus	ppm	282	1960	1754	1023
Barium	ppm	0	0	0	0
Boron	ppm	0	176	106	80

Depot: BELBOU
Unique No: 10658496
Signed: Don Baldrige
Report Date: 22 Sep 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

