



CONSTRUCTION EQUIPMENT

SPM593166 SENNEBOGEN 835M 835.0.2566 - REAR DIFFERENTIAL



Sample No: VCP423145
Oil Type: GEAR OIL SAE 80W90
Job No: SPM593166



SAMPLE INFORMATION

Sample Number	VCP423145	VCP399817	---	---
Sample Date	04 Aug 2023	21 Feb 2023	---	---
Machine Hours	10070	8939	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	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	█ 189	█ 142	---	---
-------------	-----	-------	-------	-----	-----



CONTAMINATION

Silicon	ppm	█ 19	█ 3	---	---
Sodium	ppm	█ 0	█ <1	---	---
Potassium	ppm	█ <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	█ 50	█ 93	---	---
Copper	ppm	█ 35	█ 38	---	---
Lead	ppm	█ <1	█ 0	---	---
Tin	ppm	█ 0	█ 0	---	---
Aluminum	ppm	█ 3	█ <1	---	---
Chromium	ppm	█ <1	█ <1	---	---
Molybdenum	ppm	█ 1	█ 2	---	---
Nickel	ppm	█ <1	█ 0	---	---
Titanium	ppm	4	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 1	█ 2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	█ 2501	█ 132	---	---
Magnesium	ppm	█ 21	█ 18	---	---
Zinc	ppm	█ 1114	█ 94	---	---
Phosphorus	ppm	█ 1009	█ 1872	---	---
Barium	ppm	█ 1	█ 0	---	---
Boron	ppm	█ 15	█ 170	---	---

Depot: BELBOU
Unique No: 10602444
Signed: Sean Felton
Report Date: 14 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

