



CONSTRUCTION EQUIPMENT

SPM593166 SENNEBOGEN 835M 835.0.2566 - FRONT DIFFERENTIAL



Sample No: VCP423203
Oil Type: GEAR OIL SAE 80W90
Job No: SPM593166



SAMPLE INFORMATION

Sample Number	VCP423203	VCP399816	VCP361326	---
Sample Date	04 Aug 2023	21 Feb 2023	19 Apr 2022	---
Machine Hours	10070	8939	6814	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	ABNORMAL	---

BELSON STEEL
1685 N STATE RTE 50
BOURBONNAIS, IL
US 60914
Contact: M. POZAN
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F:

OIL CONDITION

Visc @ 40°C	cSt	192	146	181	---
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CONTAMINATION

Silicon	ppm	15	2	66	---
Sodium	ppm	0	<1	2	---
Potassium	ppm	1	0	15	---

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	3	7	▲ 510	---
Copper	ppm	2	1	63	---
Lead	ppm	0	0	2	---
Tin	ppm	0	0	0	---
Aluminum	ppm	2	0	22	---
Chromium	ppm	0	0	5	---
Molybdenum	ppm	<1	0	3	---
Nickel	ppm	<1	0	0	---
Titanium	ppm	<1	0	2	---
Silver	ppm	0	0	0	---
Manganese	ppm	0	0	13	---
Vanadium	ppm	0	0	<1	---

ADDITIVES

Calcium	ppm	2651	10	2720	---
Magnesium	ppm	20	2	61	---
Zinc	ppm	1140	8	1017	---
Phosphorus	ppm	966	1989	862	---
Barium	ppm	1	0	0	---
Boron	ppm	10	185	18	---

Depot: BELBOU
Unique No: 10602464
Signed: Sean Felton
Report Date: 14 Aug 2023



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GRAPHS

