



CONSTRUCTION EQUIPMENT

SPM674034 SENNEBOGEN 835E 835.0.3239 - REAR AXLE



Sample No: VCP429212
Oil Type: GEAR OIL SAE 80W90
Job No: SPM674034



SAMPLE INFORMATION

Sample Number	VCP429212	---	---	---
Sample Date	15 Feb 2024	---	---	---
Machine Hours	991	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	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	█ 138	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 6	---	---	---
Potassium	ppm	█ <1	---	---	---

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	█ 85	---	---	---
Copper	ppm	█ 60	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 3	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 11	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 37	---	---	---
Phosphorus	ppm	█ 1849	---	---	---
Barium	ppm	█ 5	---	---	---
Boron	ppm	█ 135	---	---	---

Depot: BELBOU
Unique No: 10900223
Signed: Jonathan Hester
Report Date: 29 Feb 2024



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GRAPHS

