



CONSTRUCTION EQUIPMENT

SPM715231 SENNEBOGEN 835ME 835.0.3282 - RIGHT SWING DRIVE



Sample No: VCP446398
Oil Type: GEAR OIL SAE 80W90
Job No: SPM715231



SAMPLE INFORMATION

Sample Number	VCP446398	VCP421625	---	---
Sample Date	25 Jun 2024	08 Dec 2023	---	---
Machine Hours	1200	223	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ABNORMAL	NORMAL	---	---

BELSON STEEL

1685 N STATE RTE 50
BOURBONNAIS, IL
US 60914
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OIL CONDITION

Visc @ 40°C	cSt	█ 197	█ 218	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 4	█ 4	---	---
Sodium	ppm	█ 0	█ 1	---	---
Potassium	ppm	█ 2	█ <1	---	---

Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. All other 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	▲ 528	█ 252	---	---
Copper	ppm	█ 65	█ 50	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	█ 7	█ 5	---	---
Aluminum	ppm	█ 4	█ 0	---	---
Chromium	ppm	█ 2	█ <1	---	---
Molybdenum	ppm	█ <1	█ 0	---	---
Nickel	ppm	█ <1	█ 0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	█ 6	█ 3	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	█ 7	█ 10	---	---
Magnesium	ppm	█ 3	█ 0	---	---
Zinc	ppm	█ 65	█ 21	---	---
Phosphorus	ppm	█ 390	█ 404	---	---
Barium	ppm	█ 3	█ 6	---	---
Boron	ppm	█ 22	█ 21	---	---

Depot: BELBOU
Unique No: 11129497
Signed: Don Baldrige
Report Date: 20 Jul 2024



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GRAPHS

