



CONSTRUCTION EQUIPMENT

SWA474120-10 SENNEBOGEN 835 835.0.2487 - RIGHT SWING DRIVE



Sample No: VCP434188
Oil Type: SHELL OMALA S4 GX 220
Job No: SWA474120-10



SAMPLE INFORMATION

Sample Number	VCP434188	VCP396381	---	---
Sample Date	05 Feb 2024	09 Oct 2023	---	---
Machine Hours	11725	11163	---	---
Oil Hours	500	2000	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

ALTA EQUIPMENT COMPANY

1035 WYLIE DRIVE
BLOOMINGTON, IL
US 61705

Contact: JUSTIN PERRY
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OIL CONDITION

Visc @ 40°C	cSt	█ 231	█ 225	---	---
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CONTAMINATION

Water	%	NEG	▲ 0.142	---	---
Silicon	ppm	█ 6	█ 9	---	---
Sodium	ppm	█ 0	█ 0	---	---
Potassium	ppm	█ 1	█ 0	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. 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	▲ 582	▲ 585	---	---
Copper	ppm	█ 108	▲ 259	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	█ 5	▲ 11	---	---
Aluminum	ppm	█ 2	█ 0	---	---
Chromium	ppm	█ 6	█ 7	---	---
Molybdenum	ppm	█ 0	█ 0	---	---
Nickel	ppm	█ 0	█ 1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 4	█ 5	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	█ 2	█ 3	---	---
Magnesium	ppm	█ <1	█ 3	---	---
Zinc	ppm	█ 23	█ 88	---	---
Phosphorus	ppm	█ 417	█ 403	---	---
Barium	ppm	█ 0	█ <1	---	---
Boron	ppm	█ 25	█ 17	---	---

Depot: VOLVO5054
Unique No: 10888735
Signed: Sean Felton
Report Date: 23 Feb 2024



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GRAPHS

