



CONSTRUCTION EQUIPMENT

473401 SENNEBOGEN 830 830.0.35 16 - SWING DRIVE



Sample No: VCP432726
Oil Type: SHELL OMALA S4 GX 220
Job No: 473401



SAMPLE INFORMATION

Sample Number	VCP432726	---	---	---
Sample Date	12 Apr 2024	---	---	---
Machine Hours	2053	---	---	---
Oil Hours	1000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

ALTA EQUIPMENT COMPANY

1035 WYLIE DRIVE
BLOOMINGTON, IL
US 61705

Contact: JUSTIN PERRY
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T: (309)533-9285

F:



OIL CONDITION

Visc @ 40°C	cSt	■ 229	---	---	---
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CONTAMINATION

Water	%	▲ 0.526	---	---	---
Silicon	ppm	■ 7	---	---	---
Sodium	ppm	■ 1	---	---	---
Potassium	ppm	■ 3	---	---	---

Diagnosis

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. Bearing and/or gear wear is indicated. Appearance is hazy. There is a moderate concentration of water present in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	▲ 716	---	---	---
Copper	ppm	▲ 140	---	---	---
Lead	ppm	■ 1	---	---	---
Tin	ppm	▲ 14	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ 4	---	---	---
Molybdenum	ppm	■ 1	---	---	---
Nickel	ppm	■ 1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 8	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	21	---	---	---
Magnesium	ppm	■ 4	---	---	---
Zinc	ppm	■ 114	---	---	---
Phosphorus	ppm	■ 435	---	---	---
Barium	ppm	■ 3	---	---	---
Boron	ppm	■ 31	---	---	---

Depot: VOLVO5054
Unique No: 10983587
Signed: Sean Felton
Report Date: 22 Apr 2024



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GRAPHS

