



CONSTRUCTION EQUIPMENT

367252-1 SENNEBOGEN 835 835.0.2949 - LEFT SWING DRIVE



Sample No: VCP396391
Oil Type: SHELL OMALA S4 GX 220
Job No: 367252-1



SAMPLE INFORMATION

Sample Number	VCP396391	---	---	---
Sample Date	10 Oct 2023	---	---	---
Machine Hours	4362	---	---	---
Oil Hours	2000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

ALTA EQUIPMENT COMPANY

1035 WYLIE DRIVE
BLOOMINGTON, IL
US 61705

Contact: MIKE MARTIN
mike.martin@altaequipment.com

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OIL CONDITION

Visc @ 40°C	cSt	■ 215	---	---	---
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CONTAMINATION

Water	%	▲ 0.366	---	---	---
Silicon	ppm	■ 18	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ 0	---	---	---

Diagnosis

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. Gear wear is indicated. 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	▲ 470	---	---	---
Copper	ppm	■ 101	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 12	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 4	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 9	---	---	---
Magnesium	ppm	■ 4	---	---	---
Zinc	ppm	■ 71	---	---	---
Phosphorus	ppm	■ 341	---	---	---
Barium	ppm	■ 2	---	---	---
Boron	ppm	■ 5	---	---	---

Depot: VOLVO5054
Unique No: 10699927
Signed: Jonathan Hester
Report Date: 20 Oct 2023



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GRAPHS

