



# CONSTRUCTION EQUIPMENT

519518 ALTER QUINCY SENNEBOGEN 825 825.0.4093 - FRONT AXLE



**Sample No:** VCP438098  
**Oil Type:** SHELL SPIRAX HD 80W90  
**Job No:** 519518 ALTER QUINCY



## SAMPLE INFORMATION

Sample Number	VCP438098	---	---	---
Sample Date	01 Apr 2024	---	---	---
Machine Hours	193	---	---	---
Oil Hours	193	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	ATTENTION	---	---	---

### ALTA EQUIPMENT COMPANY

1035 WYLIE DRIVE  
BLOOMINGTON, IL  
US 61705

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## OIL CONDITION

Visc @ 40°C	cSt	● 65.5	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 11	---	---	---
Sodium	ppm	■ 15	---	---	---
Potassium	ppm	■ 0	---	---	---



## WEAR METALS

Iron	ppm	■ 6	---	---	---
Copper	ppm	■ 2	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 4	---	---	---
Vanadium	ppm	<1	---	---	---



## ADDITIVES

Calcium	ppm	● 3510	---	---	---
Magnesium	ppm	■ 11	---	---	---
Zinc	ppm	● 1402	---	---	---
Phosphorus	ppm	■ 1086	---	---	---
Barium	ppm	■ <1	---	---	---
Boron	ppm	● 115	---	---	---

### 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 oil viscosity is lower than normal. This plus the additive levels indicates the addition of a different brand, or type of oil. Confirm oil type.

**Depot:** VOLVO5054  
**Unique No:** 10969514  
**Signed:** Don Baldrige  
**Report Date:** 13 Apr 2024



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## GRAPHS

