



# CONSTRUCTION EQUIPMENT

SPM688077 VOLVO A60H 340136 - DROP BOX



**Sample No:** VCP436172  
**Oil Type:** GEAR OIL SAE 75W80  
**Job No:** SPM688077



## SAMPLE INFORMATION

Sample Number	VCP436172	---	---	---
Sample Date	16 Mar 2024	---	---	---
Machine Hours	14660	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

**BELSON STEEL**  
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 US 60914  
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## OIL CONDITION

Visc @ 40°C	cSt	■ 53.9	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 8	---	---	---
Sodium	ppm	■ 5	---	---	---
Potassium	ppm	■ <1	---	---	---



## WEAR METALS

Iron	ppm	■ 207	---	---	---
Copper	ppm	▲ 58	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 4	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 4	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	■ 144	---	---	---
Magnesium	ppm	■ <1	---	---	---
Zinc	ppm	■ 162	---	---	---
Phosphorus	ppm	■ 2150	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 51	---	---	---

## 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. The copper level is abnormal. 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.

**Depot:** BELBOU  
**Unique No:** 10990287  
**Signed:** Don Baldrige  
**Report Date:** 23 Apr 2024



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## GRAPHS

