



# CONSTRUCTION EQUIPMENT

W02007497 VOLVO EC300 314348 - SWING DRIVE



**Sample No:** VCP420898  
**Oil Type:** MOBIL MOBILUBE HD 85W140  
**Job No:** W02007497



## SAMPLE INFORMATION

Sample Number	VCP420898	---	---	---
Sample Date	31 Aug 2023	---	---	---
Machine Hours	965	---	---	---
Oil Hours	1000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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## OIL CONDITION

Visc @ 40°C	cSt	█ 283	---	---	---
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## CONTAMINATION

Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 2	---	---	---

## 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 condition of the oil is acceptable for the time in service.



## WEAR METALS

Iron	ppm	█ 273	---	---	---
Copper	ppm	█ 21	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 4	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 4	---	---	---
Vanadium	ppm	<1	---	---	---



## ADDITIVES

Calcium	ppm	█ 25	---	---	---
Magnesium	ppm	█ <1	---	---	---
Zinc	ppm	█ 22	---	---	---
Phosphorus	ppm	█ 920	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 151	---	---	---

**Depot:** VOLVO0002  
**Unique No:** 10646913  
**Signed:** Don Baldrige  
**Report Date:** 19 Sep 2023



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## GRAPHS

