



# CONSTRUCTION EQUIPMENT

23629 VOLVO EC380EL 314027 - SWING DRIVE



**Sample No:** VCP420872  
**Oil Type:** VOLVO SUPER GEAR OIL 75W-80-GO102  
**Job No:** 23629



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## SAMPLE INFORMATION

Sample Number	VCP420872	---	---	---
Sample Date	12 Jul 2023	---	---	---
Machine Hours	6393	---	---	---
Oil Hours	500	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



## OIL CONDITION

Visc @ 40°C	cSt	█ 41.0	---	---	---
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## CONTAMINATION

Silicon	ppm	█ 12	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ <1	---	---	---



## WEAR METALS

Iron	ppm	█ 468	---	---	---
Copper	ppm	█ 6	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	█ 1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 4	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	█ 1312	---	---	---
Magnesium	ppm	█ 13	---	---	---
Zinc	ppm	█ 534	---	---	---
Phosphorus	ppm	█ 783	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 139	---	---	---

## Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Confirm oil type. The condition of the oil is acceptable for the time in service.

**Depot:** VOLVO3387  
**Unique No:** 10563007  
**Signed:** Don Baldrige  
**Report Date:** 20 Jul 2023



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## GRAPHS

