



# CONSTRUCTION EQUIPMENT

18965 VOLVO A45G 353358 - DROP BOX



**Sample No:** VCP410422  
**Oil Type:** VOLVO SUPER GEAR OIL 75W-80-GO102  
**Job No:** 18965



## SAMPLE INFORMATION

Sample Number	VCP410422	VCP395559	---	---
Sample Date	29 Jun 2023	21 Feb 2023	---	---
Machine Hours	984	506	---	---
Oil Hours	984	506	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---

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## OIL CONDITION

Visc @ 40°C	cSt	█ 49.5	█ 50.5	---	---
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## CONTAMINATION

Silicon	ppm	█ 30	█ 30	---	---
Sodium	ppm	█ 5	█ 6	---	---
Potassium	ppm	█ 0	█ 3	---	---

**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	█ 56	█ 51	---	---
Copper	ppm	█ 2	█ 3	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	█ 0	█ 0	---	---
Aluminum	ppm	█ <1	█ <1	---	---
Chromium	ppm	█ <1	█ <1	---	---
Molybdenum	ppm	█ 19	█ 21	---	---
Nickel	ppm	█ 0	█ 0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ <1	█ 2	---	---
Vanadium	ppm	0	0	---	---

## ADDITIVES

Calcium	ppm	█ 35	█ 35	---	---
Magnesium	ppm	█ 0	█ 6	---	---
Zinc	ppm	█ 56	█ 57	---	---
Phosphorus	ppm	█ 2378	█ 2302	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 172	█ 196	---	---

**Depot:** GAIKNI  
**Unique No:** 10552865  
**Signed:** Don Baldrige  
**Report Date:** 14 Jul 2023



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## GRAPHS

