



# CONSTRUCTION EQUIPMENT

## VOLVO A45G 353279 - DROP BOX



**Sample No:** VCP419584  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:**



### SAMPLE INFORMATION

Sample Number	VCP419584	---	---	---
Sample Date	21 Nov 2023	---	---	---
Machine Hours	2605	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

**ALTA EQUIPMENT COMPANY**  
 5151 DR MARTIN LUTHER KING BLVD  
 FORT MYERS, FL  
 US 33905  
 Contact: TODD LARK  
 tlark@altaequipfl.com  
 T:  
 F: (239)481-3302



### OIL CONDITION

Visc @ 40°C	cSt	▲ 52.3	---	---	---
-------------	-----	--------	-----	-----	-----



### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 47	---	---	---
Sodium	ppm	■ 9	---	---	---
Potassium	ppm	■ 10	---	---	---

**Diagnosis**  
 No corrective action is recommended at this time. We recommend an early resample to monitor this condition. Bearing and/or bushing wear is indicated. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. Confirm oil type.



### WEAR METALS

Iron	ppm	■ 378	---	---	---
Copper	ppm	▲ 141	---	---	---
Lead	ppm	■ 2	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ 4	---	---	---
Molybdenum	ppm	■ 21	---	---	---
Nickel	ppm	■ 3	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 6	---	---	---
Vanadium	ppm	<1	---	---	---



### ADDITIVES

Calcium	ppm	■ 29	---	---	---
Magnesium	ppm	■ 0	---	---	---
Zinc	ppm	■ 309	---	---	---
Phosphorus	ppm	■ 2282	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 55	---	---	---

**Depot:** VOLVO0090  
**Unique No:** 10764295  
**Signed:** Don Baldrige  
**Report Date:** 01 Dec 2023



# CONSTRUCTION EQUIPMENT



## GRAPHS

