



# CONSTRUCTION EQUIPMENT

## VOLVO A45G 353267 - FRONT AXLE



**Sample No:** VCP421106  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:**



### SAMPLE INFORMATION

Sample Number	VCP421106	---	---	---
Sample Date	10 Jul 2023	---	---	---
Machine Hours	1257	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

**LEE MAR BUILDING & CONSTRUCTION**  
 15685 PINE RIDGE ROAD  
 FORT MYERS, FL  
 US 33908-2626  
 Contact: JUDY GIBSON  
 jgibson13@earthlink.net  
 T: (239)481-2613  
 F: (239)481-9354

### OIL CONDITION

Visc @ 40°C	cSt	▲ 51.5	---	---	---
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### CONTAMINATION

Silicon	ppm	■ 8	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ 6	---	---	---

### WEAR METALS

Iron	ppm	■ 489	---	---	---
Copper	ppm	■ 21	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ 9	---	---	---
Molybdenum	ppm	▲ 29	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	▲ 24	---	---	---
Vanadium	ppm	0	---	---	---

### ADDITIVES

Calcium	ppm	■ 113	---	---	---
Magnesium	ppm	■ 1	---	---	---
Zinc	ppm	■ 66	---	---	---
Phosphorus	ppm	▲ 2426	---	---	---
Barium	ppm	■ 2	---	---	---
Boron	ppm	▲ 257	---	---	---

**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. The oil viscosity is lower than normal. Additive levels indicate the addition of a different brand, or type of oil. Confirm oil type.

**Depot:** LEEFOR  
**Unique No:** 10551622  
**Signed:** Angela Borella  
**Report Date:** 13 Jul 2023

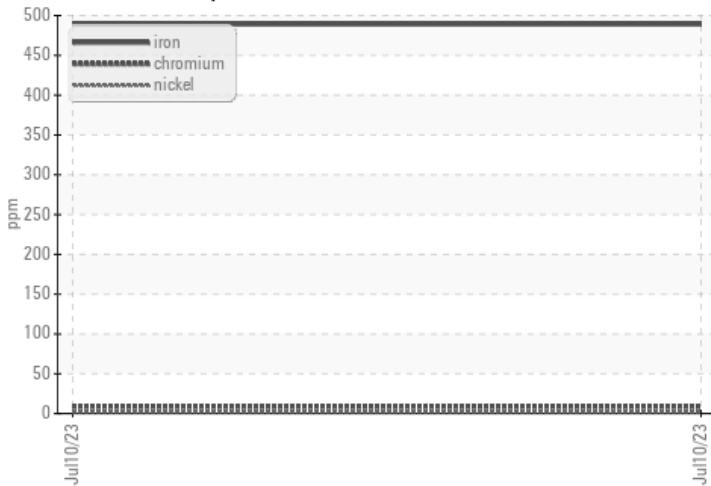


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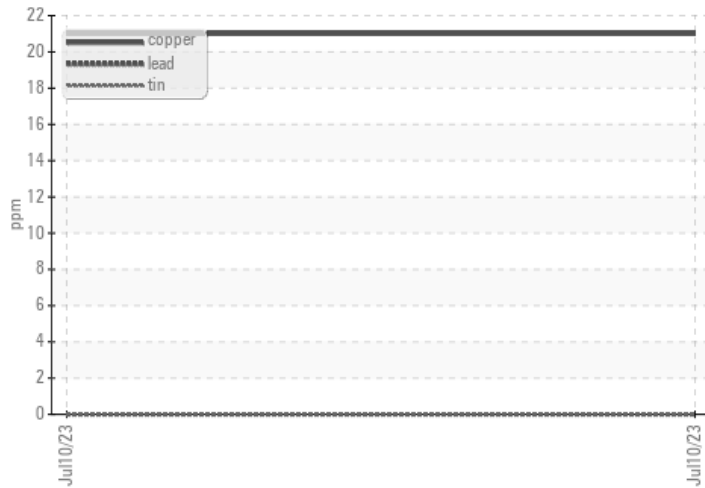


## GRAPHS

### Ferrous Alloys



### Non-ferrous Metals



### ▲ Viscosity @ 40°C

