



# CONSTRUCTION EQUIPMENT

## VOLVO A45G 353267 - REAR AXLE



**Sample No:** VCP423304  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:**



### VOLVO SAMPLE INFORMATION

Sample Number	VCP423304	---	---	---
Sample Date	10 Jul 2023	---	---	---
Machine Hours	1257	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

**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

### VOLVO OIL CONDITION

Visc @ 40°C	cSt	▲ 51.9	---	---	---
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### VOLVO CONTAMINATION

Silicon	ppm	■ 12	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ 5	---	---	---

### VOLVO WEAR METALS

Iron	ppm	■ 402	---	---	---
Copper	ppm	■ 6	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ 7	---	---	---
Molybdenum	ppm	■ 14	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 17	---	---	---
Vanadium	ppm	0	---	---	---

### VOLVO ADDITIVES

Calcium	ppm	■ 124	---	---	---
Magnesium	ppm	■ 2	---	---	---
Zinc	ppm	■ 61	---	---	---
Phosphorus	ppm	▲ 2385	---	---	---
Barium	ppm	■ 2	---	---	---
Boron	ppm	▲ 284	---	---	---

**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 a high amount of visible silt present in the sample. 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:** 10551621  
**Signed:** Angela Borella  
**Report Date:** 13 Jul 2023

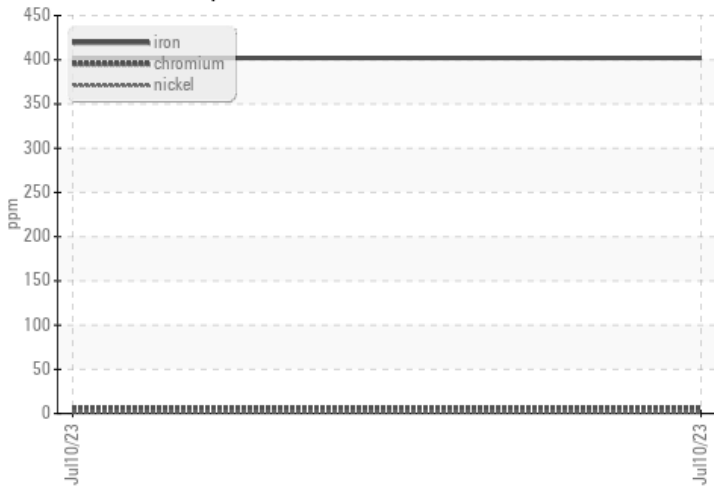


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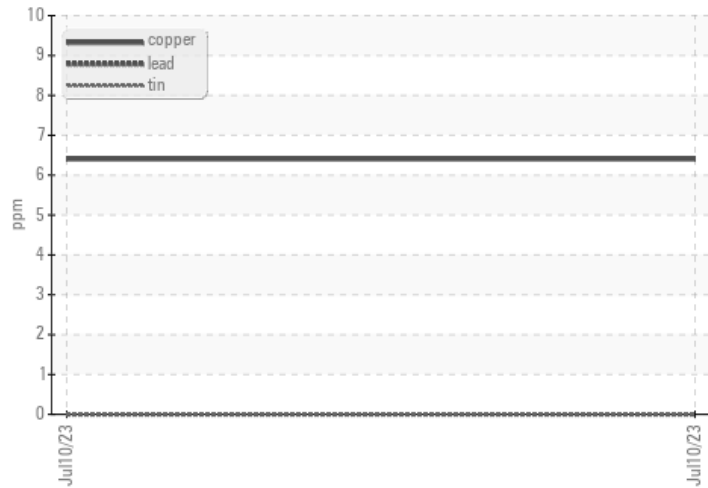


## GRAPHS

### Ferrous Alloys



### Non-ferrous Metals



### ▲ Viscosity @ 40°C

