



# CONSTRUCTION EQUIPMENT

## 314854 VOLVO G740 31327 - HYDRAULIC SYSTEM



**Sample No:** VCP349539  
**Oil Type:** CASTROL HVI 32  
**Job No:** 314854



### SAMPLE INFORMATION

Sample Number	VCP349539	---	---	---
Sample Date	27 May 2022	---	---	---
Machine Hours	24104	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

### STRONGCO EQUIPMENT-EDMONTON

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### OIL CONDITION

Visc @ 40°C	cSt	■ 30.3	---	---	---
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### CONTAMINATION

Particles >4µm		■ 109643	---	---	---
Particles >6µm		▲ 14460	---	---	---
Particles >14µm		▲ 124	---	---	---
ISO 4406:1999 (c)		■ 24/21/14	---	---	---
Silicon	ppm	■ 6	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 0	---	---	---

### Diagnosis

We recommend you service the filters on this component. We recommend an early resample to monitor this condition. All component wear rates are normal. Oil Cleanliness are abnormally high. Particles >6µm are abnormally high. Particles >14µm are notably high. The system cleanliness is above the acceptable limit for the target ISO 4406 cleanliness code. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.



### WEAR METALS

Iron	ppm	■ 16	---	---	---
Copper	ppm	■ 2	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 3	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	0	---	---	---



### ADDITIVES

Calcium	ppm	■ 48	---	---	---
Magnesium	ppm	■ 13	---	---	---
Zinc	ppm	■ 325	---	---	---
Phosphorus	ppm	■ 327	---	---	---
Barium	ppm	■ <1	---	---	---
Boron	ppm	■ 1	---	---	---

**Depot:** VOLVO3908

**Unique No:** 5410026

**Signed:** Wes Davis

**Report Date:** 08 Jun 2022

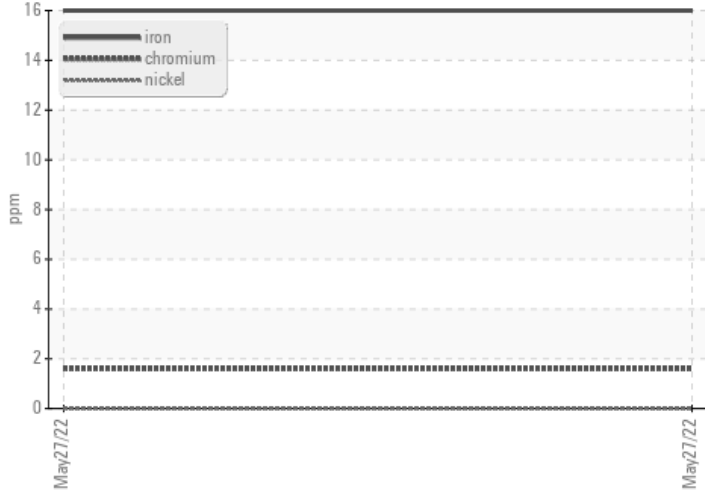


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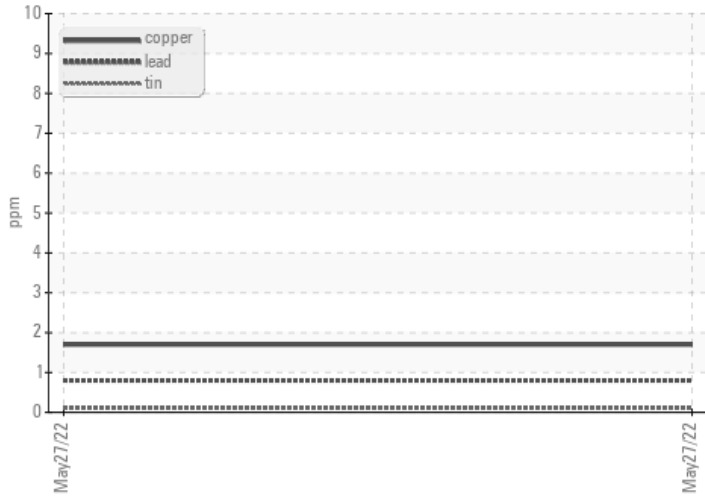


## GRAPHS

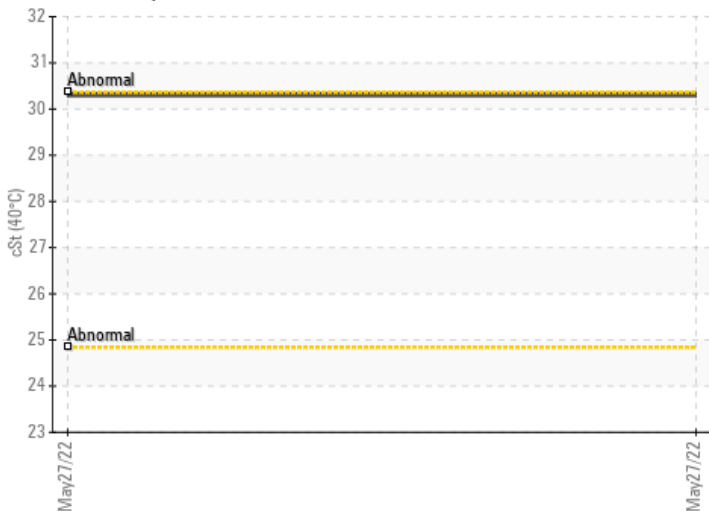
### Ferrous Alloys



### Non-ferrous Metals



### Viscosity @ 40°C



### ▲ Particle Count

