



# CONSTRUCTION EQUIPMENT

## VOLVO EC750EL 314212 - HYDRAULIC SYSTEM



**Sample No:** VCP  
**Oil Type:** VOLVO SUPER HYDRAULIC OIL 46  
**Job No:**



### SAMPLE INFORMATION

Sample Number	VCP	---	---	---
Sample Date	31 Aug 2023	---	---	---
Machine Hours	2225	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

**Duroking construction**  
 100-12075 Rue Arthur Sicard  
 Mirabel, QC  
 CA J7J 0E9  
 Contact: Service Manager



### OIL CONDITION

Visc @ 40°C	cSt	■ 38.9	---	---	---
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T:  
F:



### CONTAMINATION

Particles >4µm		■ 10972	---	---	---
Particles >6µm		■ 2409	---	---	---
Particles >14µm		■ 82	---	---	---
ISO 4406:1999 (c)		■ 21/18/14	---	---	---
Silicon	ppm	■ 2	---	---	---
Sodium	ppm	■ <1	---	---	---
Potassium	ppm	■ <1	---	---	---

### Diagnosis

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux d'usure de tous les composants sont normaux. La propreté du système est acceptable pour votre objectif de propreté ISO 4406. La propreté du système et du fluide est acceptable. L'état de l'huile est acceptable pour la durée de service.



### WEAR METALS

Iron	ppm	■ 4	---	---	---
Copper	ppm	■ 10	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 0	---	---	---
Vanadium	ppm	■ 0	---	---	---



### ADDITIVES

Calcium	ppm	■ 181	---	---	---
Magnesium	ppm	■ <1	---	---	---
Zinc	ppm	■ 531	---	---	---
Phosphorus	ppm	■ 456	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ <1	---	---	---

**Depot:** DURMIR  
**Unique No:** 5633773  
**Signed:** Kevin Marson  
**Report Date:** 07 Sep 2023

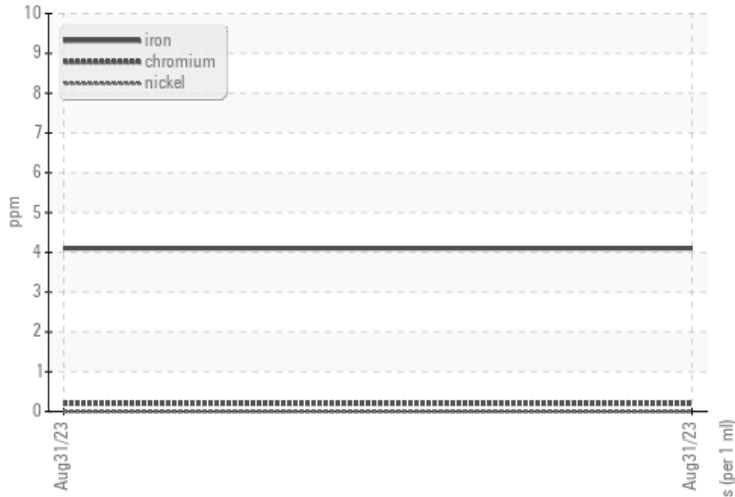


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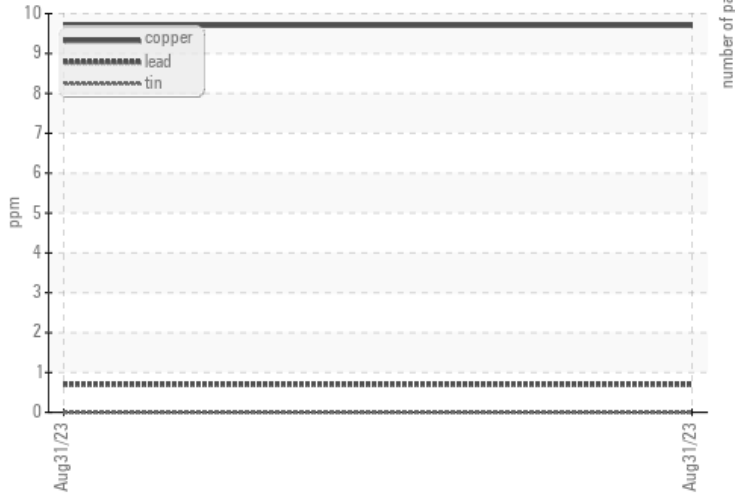


## VOLVO GRAPHS

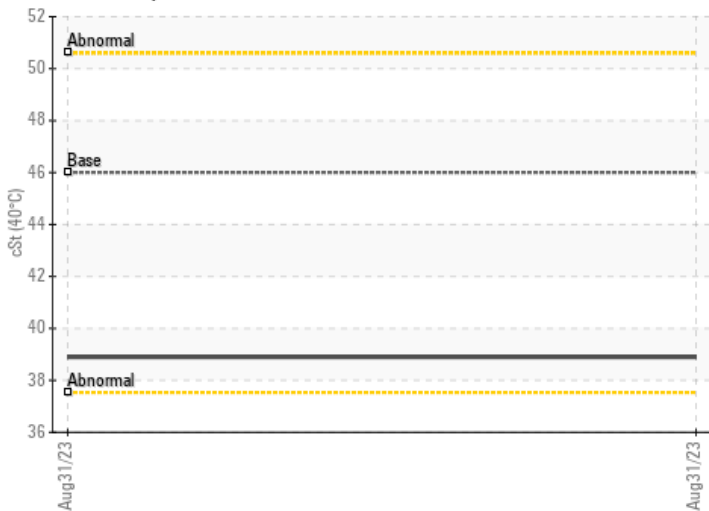
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

