



# CONSTRUCTION EQUIPMENT

## 717229 VOLVO EC750 314108 - HYDRAULIC SYSTEM



**Sample No:** VCP454562  
**Oil Type:** VOLVO SUPER HYDRAULIC OIL 46  
**Job No:** 717229



### SAMPLE INFORMATION

Sample Number	VCP454562	VCP431274	---	---
Sample Date	24 May 2024	14 Nov 2023	---	---
Machine Hours	3483	2548	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---

**BLUE GOOSE GROWERS**  
 16059 W ORANGE AVE  
 FT PIERCE, FL  
 US 34945  
 Contact: SERVICE MANAGER

### OIL CONDITION

Visc @ 40°C	cSt	█ 40.7	█ 40.2	---	---
Acid Number (AN)	mg KOH/g	█ 0.50	█ 0.40	---	---

T: (772)461-3020  
 F:

### CONTAMINATION

Water	%	NEG	NEG	---	---
Particles >4µm		█ 14942	█ 6902	---	---
Particles >6µm		█ 2735	█ 1835	---	---
Particles >14µm		█ 130	█ 118	---	---
ISO 4406:1999 (c)		21/19/14	20/18/14	---	---
Silicon	ppm	█ <1	█ 2	---	---
Sodium	ppm	█ 1	█ 2	---	---
Potassium	ppm	█ 0	█ <1	---	---

**Diagnosis**  
 Resample at the next service interval to monitor. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

### WEAR METALS

Iron	ppm	█ 3	█ 6	---	---
Copper	ppm	█ 7	█ 13	---	---
Lead	ppm	█ <1	█ 0	---	---
Tin	ppm	█ 0	█ 0	---	---
Aluminum	ppm	█ 0	█ <1	---	---
Chromium	ppm	█ 0	█ <1	---	---
Molybdenum	ppm	█ <1	█ <1	---	---
Nickel	ppm	█ 0	█ 0	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 0	█ <1	---	---
Vanadium	ppm	0	<1	---	---

### ADDITIVES

Calcium	ppm	█ 100	█ 48	---	---
Magnesium	ppm	█ 3	█ 0	---	---
Zinc	ppm	█ 465	█ 442	---	---
Phosphorus	ppm	█ 359	█ 320	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 0	█ 0	---	---

**Depot:** BLUFOR  
**Unique No:** 11058740  
**Signed:** Wes Davis  
**Report Date:** 03 Jun 2024

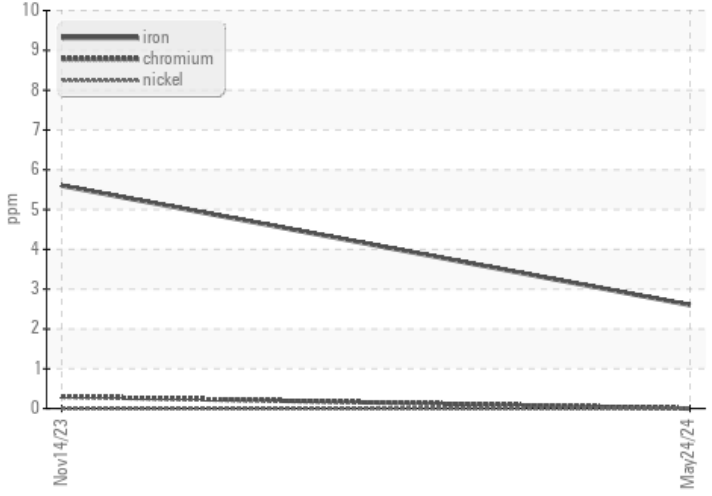


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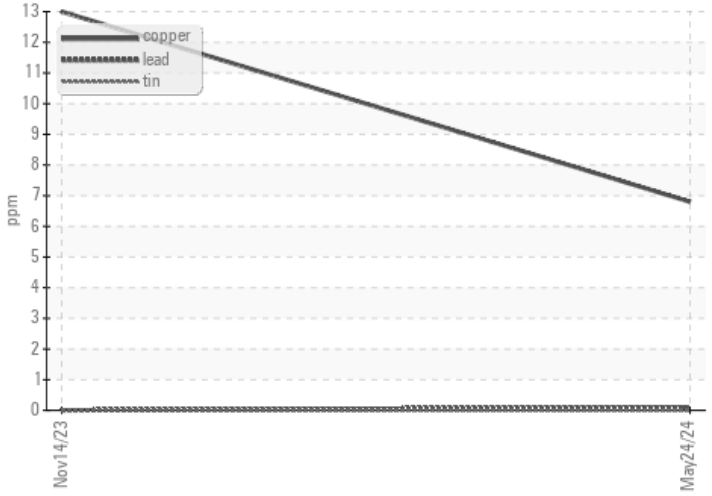


## VOLVO GRAPHS

### Ferrous Alloys



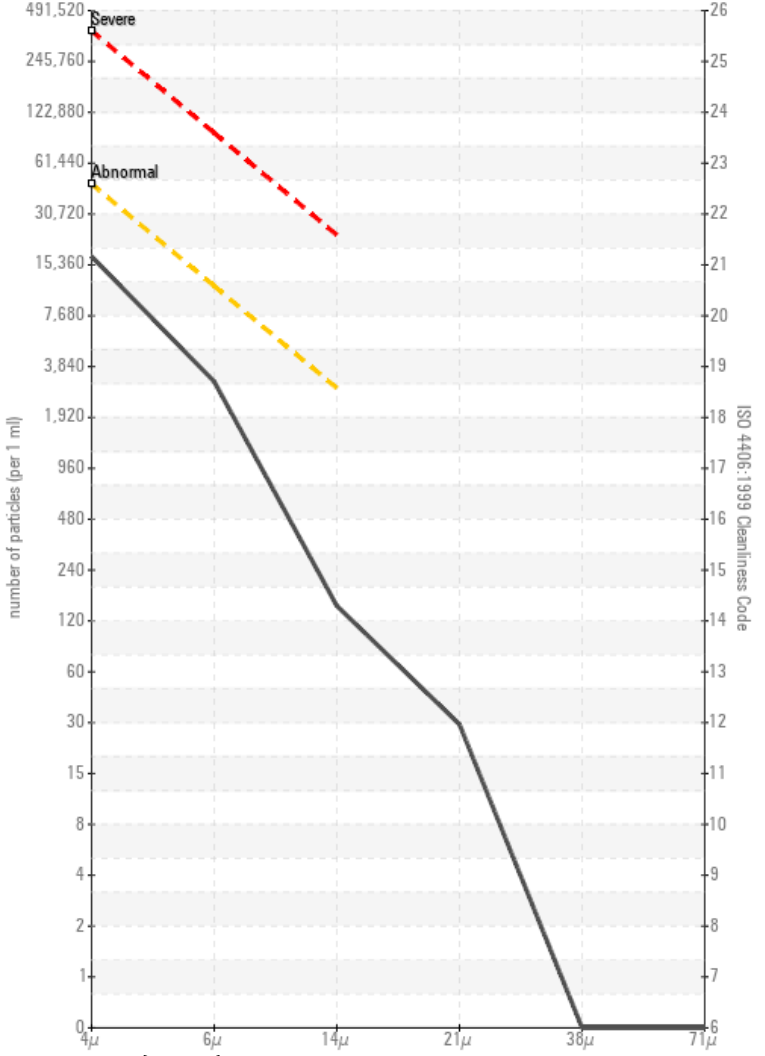
### Non-ferrous Metals



### Viscosity @ 40°C



### Particle Count



### Acid Number

