



CONSTRUCTION EQUIPMENT

386276 VOLVO L150F 13093 - HYDRAULIC SYSTEM



Sample No: VCP380344
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 386276



SAMPLE INFORMATION

Sample Number	VCP380344	---	---	---
Sample Date	05 Dec 2023	---	---	---
Machine Hours	28325	---	---	---
Oil Hours	20	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

STRONGCO EQUIPMENT INC (STE- FOY)

175, rue de Rotterdam
 St-Augustin-de-Desmaures, QC
 CA G3A 2K2
 Contact: Michel Lepage
 mlepage@strongco.com
 T: (418)870-1700
 F: (418)870-1701



OIL CONDITION

Visc @ 40°C	cSt	█ 47.0	---	---	---
-------------	-----	--------	-----	-----	-----



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		█ 39503	---	---	---
Particles >6µm		█ 998	---	---	---
Particles >14µm		█ 8	---	---	---
ISO 4406:1999 (c)		22/17/10	---	---	---
Silicon	ppm	█ 2	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 0	---	---	---



WEAR METALS

Iron	ppm	█ 4	---	---	---
Copper	ppm	█ 5	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 4	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	172	---	---	---
Magnesium	ppm	58	---	---	---
Zinc	ppm	751	---	---	---
Phosphorus	ppm	586	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 7	---	---	---

Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. 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. Les niveaux d'additifs indiquent l'ajout d'une autre marque ou d'un autre type d'huile. L'état de l'huile est acceptable pour la durée de service.

Depot: VOLV00228
Unique No: 5695408
Signed: Kevin Marson
Report Date: 12 Dec 2023

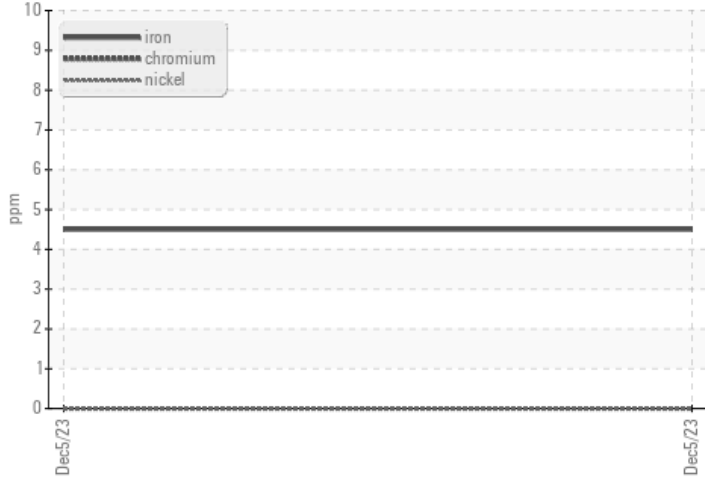


CONSTRUCTION EQUIPMENT

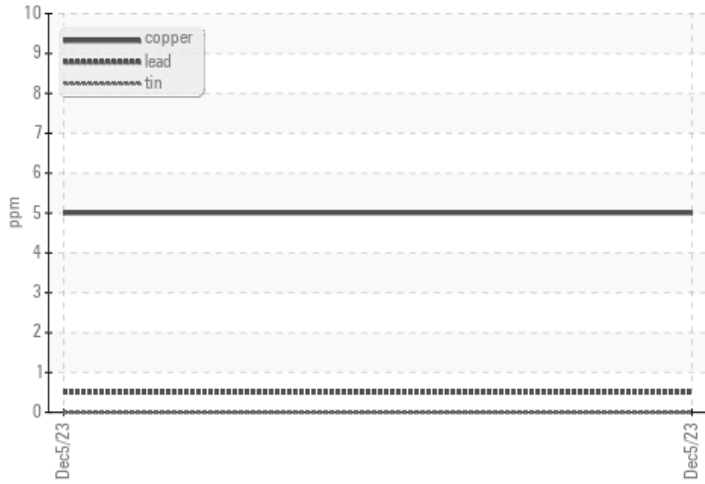


GRAPHS

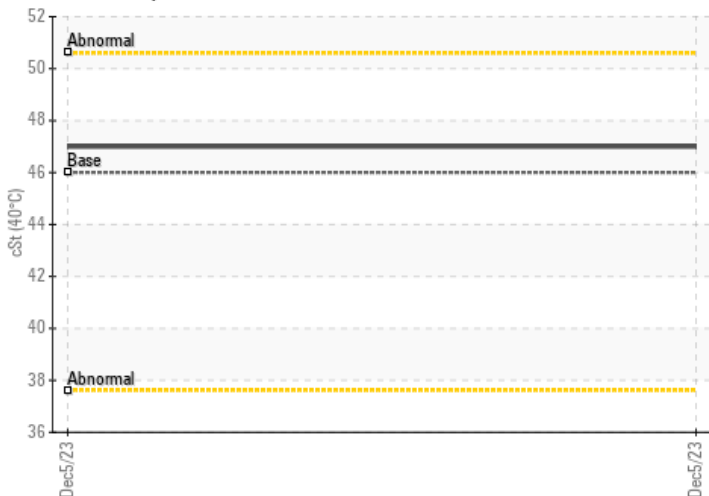
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

