



# CONSTRUCTION EQUIPMENT

## 2315189 VOLVO L110H 631855 - HYDRAULIC SYSTEM



**Sample No:** VCP392318  
**Oil Type:** IRVING HYDRAULIC OIL LP 46  
**Job No:** 2315189



### SAMPLE INFORMATION

Sample Number	VCP392318	---	---	---
Sample Date	13 Dec 2023	---	---	---
Machine Hours	11402	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

### MIRAGE

1255, 98 RUE  
 SAINT GEORGE, QC  
 CA G5Y 8J5  
 Contact: Yanick Tanguay-morin  
 yanick.tanguaymorin@boa-franc.com  
 T: (418)227-1181  
 F:



### OIL CONDITION

Visc @ 40°C	cSt	▲ 67.0	---	---	---
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### CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		348	---	---	---
Particles >6µm		70	---	---	---
Particles >14µm		7	---	---	---
ISO 4406:1999 (c)		16/13/10	---	---	---
Silicon	ppm	4	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	2	---	---	---

### 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. La viscosité de l'échantillon se situe dans la portée de l'ISO 68; nous vous conseillons de vérifier. Ceci, en plus des niveaux d'additifs, indique que la marque ou le type d'huile ne correspond pas à ce qui a été signalé. L'état de l'huile est acceptable pour la durée de service.



### WEAR METALS

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



### ADDITIVES

Calcium	ppm	63	---	---	---
Magnesium	ppm	2	---	---	---
Zinc	ppm	71	---	---	---
Phosphorus	ppm	101	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	<1	---	---	---

**Depot:** MIRSAI  
**Unique No:** 5698395  
**Signed:** Kevin Marson  
**Report Date:** 28 Dec 2023

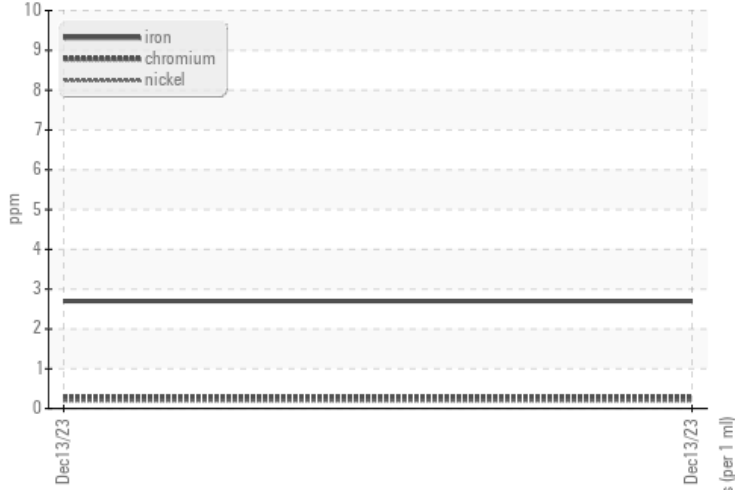


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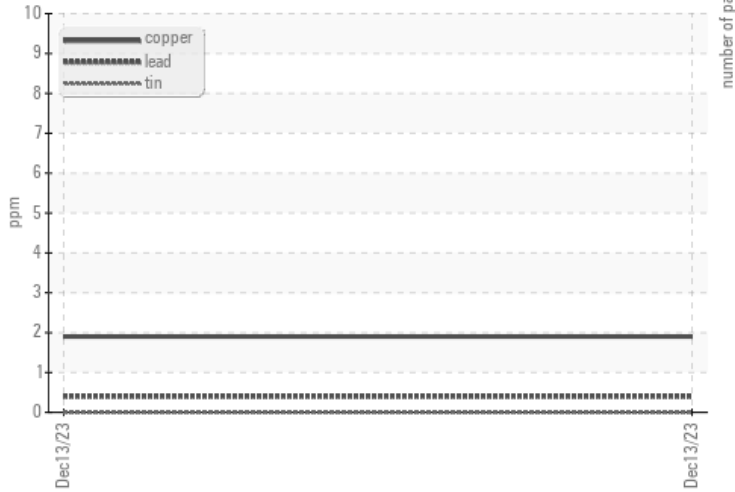


## GRAPHS

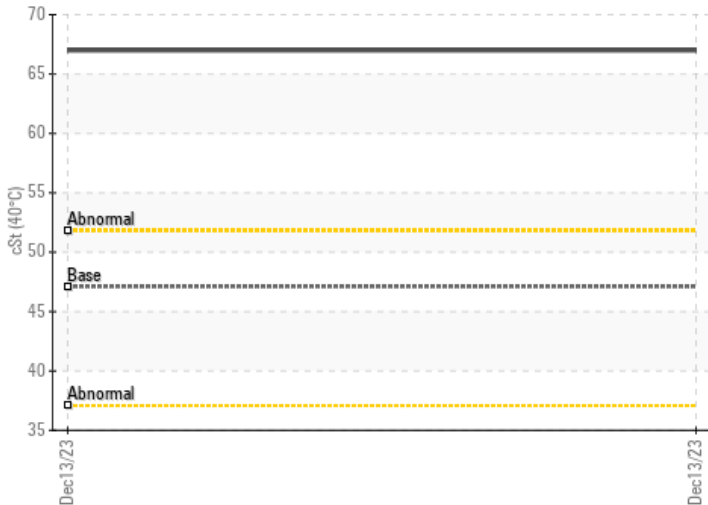
### Ferrous Alloys



### Non-ferrous Metals



### ▲ Viscosity @ 40°C



### Particle Count

