



# CONSTRUCTION EQUIPMENT

VOLVO 150G VCEL150GK00029639 - HYDRAULIC SYSTEM



**Sample No:** VCP251245  
**Oil Type:** APRIL SUPERFLO RXL1 HVI HYDRAULIC OIL 36  
**Job No:**

**STRONGCO INC. - BAIE COMEAU**

2107 AVENUE DU LABRADOR  
BAIE COMEAU, QC  
CA G4Z 3B9  
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## Diagnosis

Nous vous recommandons de vérifier la présence de particules métalliques visibles dans l'huile. Nous recommandons le remplacement des filtres de ce composant. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation. Présence d'une faible concentration de métal visible. Il y a une quantité modérée de particules (de 4 à 38 microns) dans l'huile. L'huile n'est plus en état de service en raison d'une usure anormale et/ou sévère.



### SAMPLE INFORMATION

Sample Number		VCP251245	---	---	---
Sample Date		14 Mar 2021	---	---	---
Machine Hours		35364	---	---	---
Oil Hours		1000	---	---	---
Oil Changed		Not Changd	---	---	---
Sample Status		ABNORMAL	---	---	---



### OIL CONDITION

Visc @ 40°C	cSt	■ 34.4	---	---	---
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### CONTAMINATION

Particles >4µm		▲ 19305	---	---	---
Particles >6µm		▲ 5685	---	---	---
Particles >14µm		▲ 611	---	---	---
ISO 4406:1999 (c)		21/20/16	---	---	---
Silicon	ppm	■ 2	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ <1	---	---	---



### WEAR METALS

Iron	ppm	■ 4	---	---	---
Copper	ppm	■ 1	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	1	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



### ADDITIVES

Calcium	ppm	66	---	---	---
Magnesium	ppm	54	---	---	---
Zinc	ppm	365	---	---	---
Phosphorus	ppm	292	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	2	---	---	---

**Depot:** VOLVO4593  
**Unique No:** 5200349  
**Signed:** Kevin Marson  
**Report Date:** 06 Apr 2021

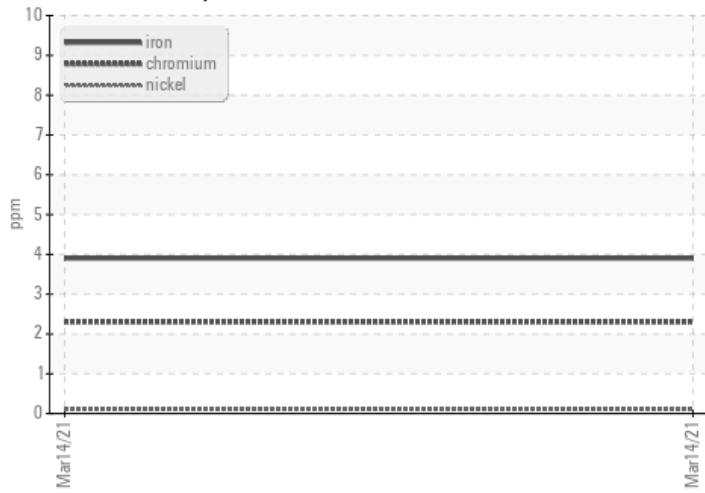


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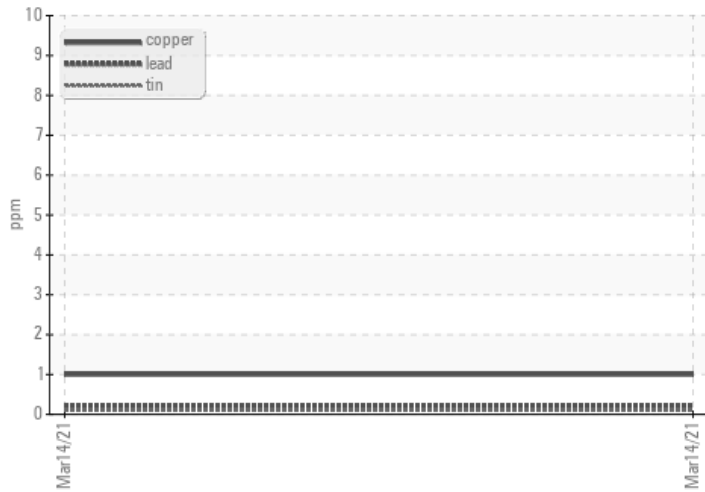


## GRAPHS

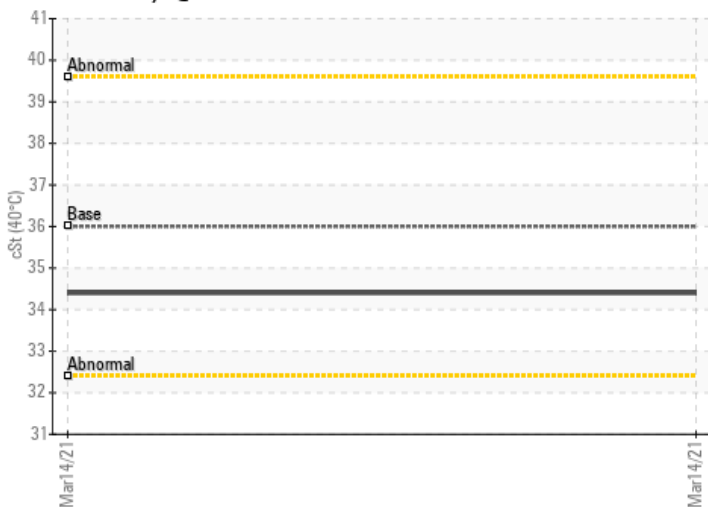
### Ferrous Alloys



### Non-ferrous Metals



### Viscosity @ 40°C



### Particle Filter (Magn: 100 x)

