



CONSTRUCTION EQUIPMENT

MATREC GFL RIMOUSKI VOLVO L90F 68287 - HYDRAULIC SYSTEM



Sample No: VCP391709
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No:



SAMPLE INFORMATION

Sample Number	VCP391709	VCP392109	---	---
Sample Date	20 Dec 2023	19 May 2023	---	---
Machine Hours	7507	10123	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	Not Changd	---	---
Sample Status	ATTENTION	ABNORMAL	---	---

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	37.9	35.8	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Particles >4µm		8222	22013	---	---
Particles >6µm		660	1833	---	---
Particles >14µm		11	19	---	---
ISO 4406:1999 (c)		20/17/11	22/18/11	---	---
Silicon	ppm	7	8	---	---
Sodium	ppm	3	3	---	---
Potassium	ppm	3	2	---	---

Diagnosis

Nous recommandons le remplacement des filtres de ce composant. 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. Il y a une légère quantité de limon (particules de 4 à 14 microns) dans l'huile. L'état de l'huile est acceptable pour la durée de service.



WEAR METALS

Iron	ppm	23	27	---	---
Copper	ppm	3	4	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	3	3	---	---
Chromium	ppm	11	13	---	---
Molybdenum	ppm	4	6	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	0	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	401	470	---	---
Magnesium	ppm	37	37	---	---
Zinc	ppm	649	666	---	---
Phosphorus	ppm	529	567	---	---
Barium	ppm	<1	<1	---	---
Boron	ppm	12	14	---	---

Depot: VOLVO0228
Unique No: 5709831
Signed: Wes Davis
Report Date: 16 Jan 2024

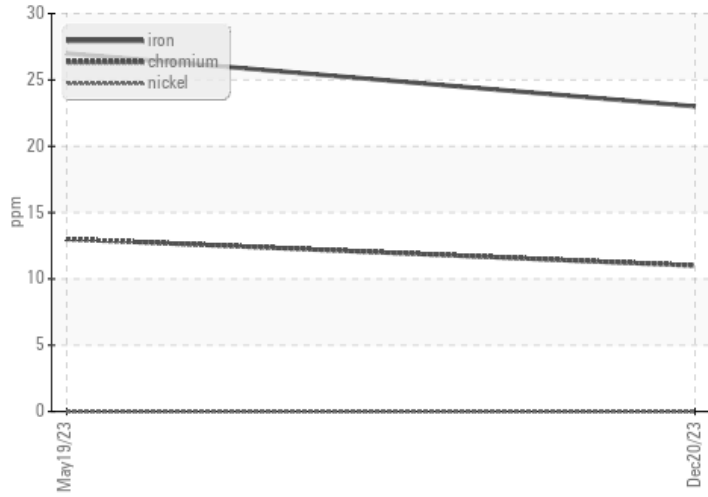


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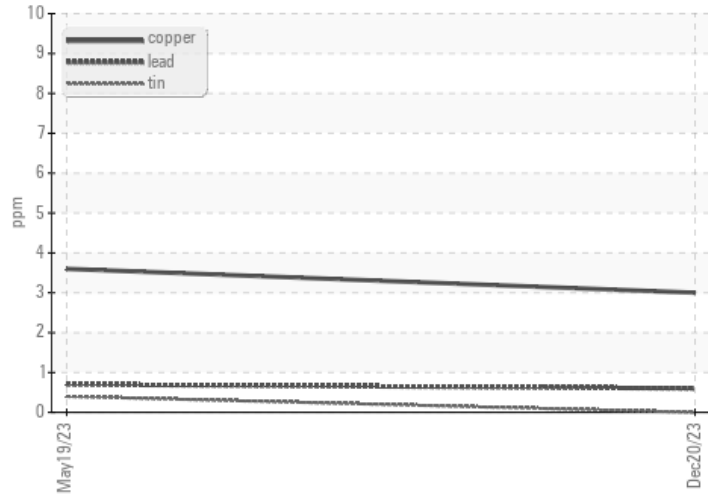


GRAPHS

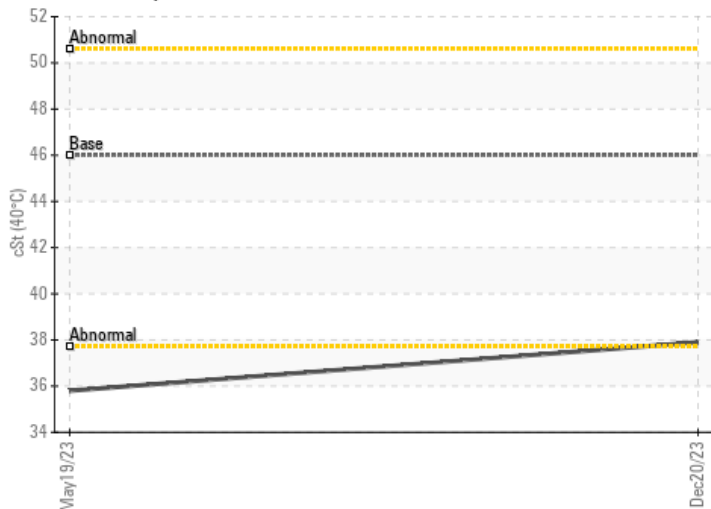
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

