



CONSTRUCTION EQUIPMENT

MATREC VOLVO L110G 9018 - HYDRAULIC SYSTEM



Sample No: VCP382451
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No:



SAMPLE INFORMATION

Sample Number	VCP382451	VCP381395	---	---
Sample Date	03 Dec 2023	23 Jan 2023	---	---
Machine Hours	15259	14917	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	Not Chngd	---	---
Sample Status	NORMAL	ABNORMAL	---	---

STRONGCO EQUIPMENT INC (STE- FOY)

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OIL CONDITION

Visc @ 40°C	cSt	42.9	40.8	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Particles >4µm		829	24358	---	---
Particles >6µm		80	4933	---	---
Particles >14µm		3	223	---	---
ISO 4406:1999 (c)		17/13/9	22/19/15	---	---
Silicon	ppm	2	5	---	---
Sodium	ppm	<1	1	---	---
Potassium	ppm	0	<1	---	---

Diagnosis

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. L'état de l'huile est acceptable pour la durée de service.



WEAR METALS

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



ADDITIVES

Calcium	ppm	548	2001	---	---
Magnesium	ppm	5	13	---	---
Zinc	ppm	572	1005	---	---
Phosphorus	ppm	460	918	---	---
Barium	ppm	<1	0	---	---
Boron	ppm	<1	2	---	---

Depot: VOLVO0228
Unique No: 5685642
Signed: Wes Davis
Report Date: 05 Dec 2023

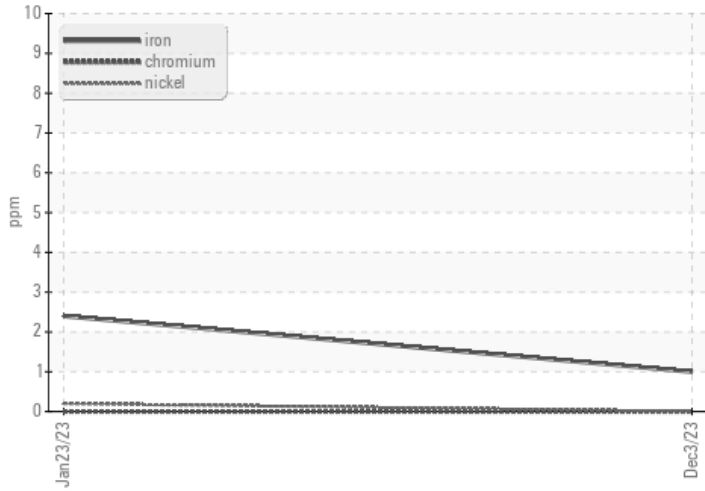


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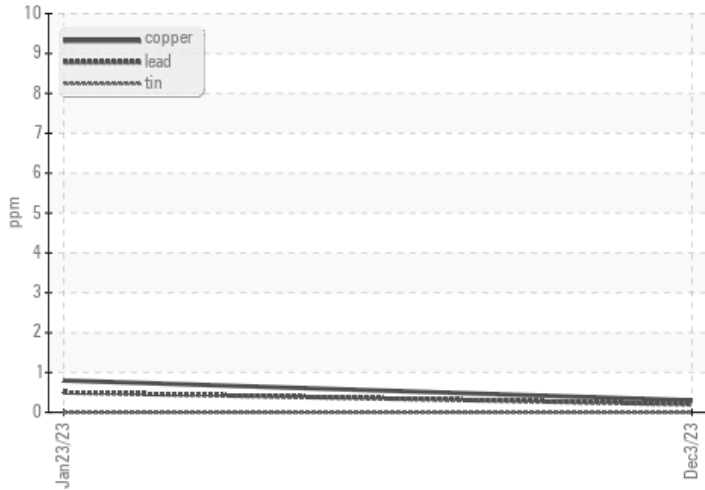


GRAPHS

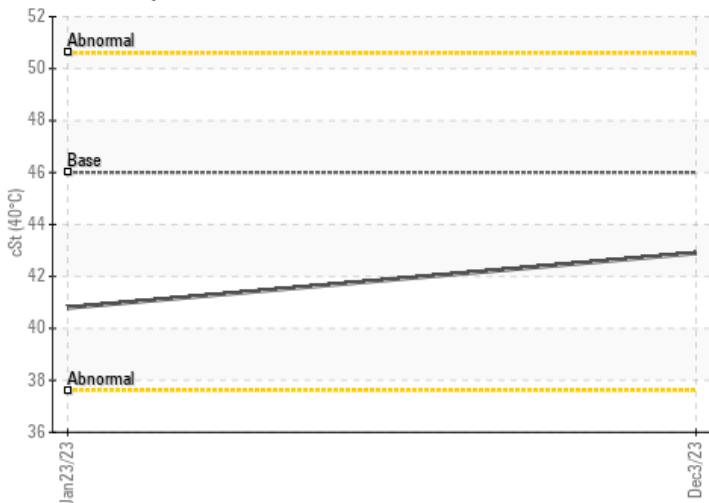
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

