



CONSTRUCTION EQUIPMENT

385092 VOLVO L60H 621030 - HYDRAULIC SYSTEM



Sample No: VCP392045
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 385092



SAMPLE INFORMATION

Sample Number	VCP392045	VCP273094	---	---
Sample Date	16 Nov 2023	19 Jun 2020	---	---
Machine Hours	12292	4008	---	---
Oil Hours	1000	4000	---	---
Oil Changed	Changed	Not Changed	---	---
Sample Status	NORMAL	ABNORMAL	---	---



STRONGCO EQUIPMENT INC (STE- FOY)

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OIL CONDITION

Visc @ 40°C	cSt	40.5	41.5	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Particles >4µm		906	10977	---	---
Particles >6µm		152	3055	---	---
Particles >14µm		6	185	---	---
ISO 4406:1999 (c)		17/14/10	21/19/15	---	---
Silicon	ppm	7	9	---	---
Sodium	ppm	3	3	---	---
Potassium	ppm	<1	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	8	6	---	---
Copper	ppm	2	3	---	---
Lead	ppm	1	2	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	2	1	---	---
Chromium	ppm	1	2	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	0	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	78	148	---	---
Magnesium	ppm	4	6	---	---
Zinc	ppm	431	467	---	---
Phosphorus	ppm	374	362	---	---
Barium	ppm	<1	<1	---	---
Boron	ppm	<1	<1	---	---

Depot: VOLVO0228
Unique No: 5682638
Signed: Wes Davis
Report Date: 21 Nov 2023

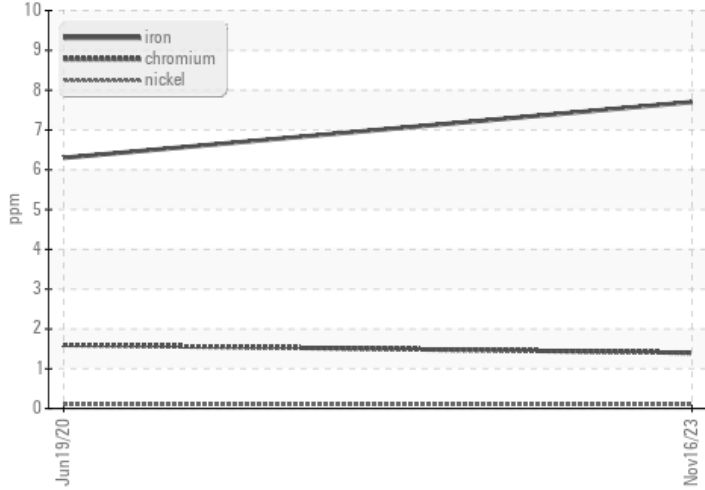


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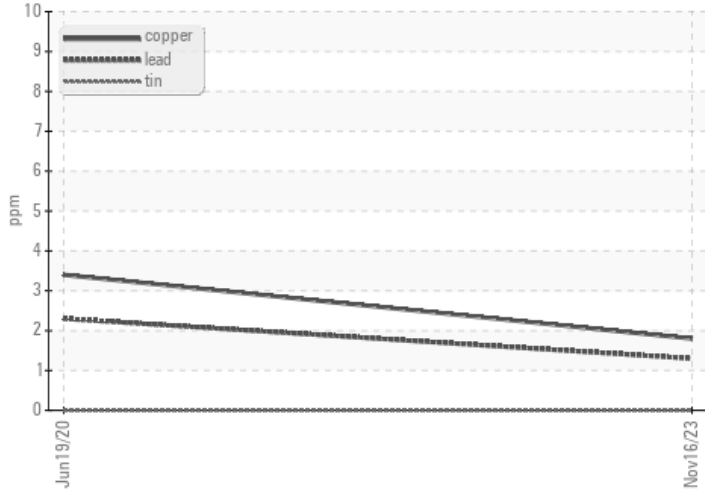


GRAPHS

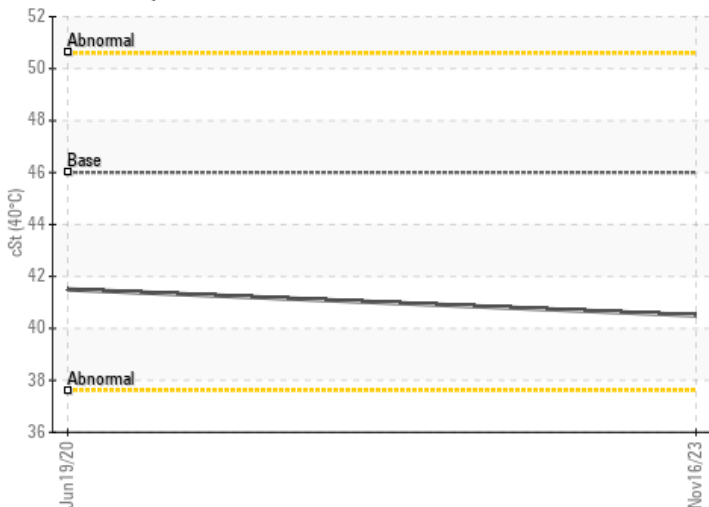
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

