



CONSTRUCTION EQUIPMENT

GDS MATANE 405263 VOLVO L90H 626229 - HYDRAULIC SYSTEM



Sample No: VCP391822
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 405263



SAMPLE INFORMATION

Sample Number	VCP391822	---	---	---
Sample Date	07 May 2024	---	---	---
Machine Hours	4311	---	---	---
Oil Hours	2000	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

STRONGCO EQUIPMENT INC (STE- FOY)

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OIL CONDITION

Visc @ 40°C	cSt	█ 41.0	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		█ 1619	---	---	---
Particles >6µm		█ 27	---	---	---
Particles >14µm		█ 4	---	---	---
ISO 4406:1999 (c)		█ 18/12/9	---	---	---
Silicon	ppm	█ 13	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 3	---	---	---

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	█ 15	---	---	---
Copper	ppm	█ 4	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 6	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	█ 0	---	---	---

ADDITIVES

Calcium	ppm	█ 654	---	---	---
Magnesium	ppm	█ 8	---	---	---
Zinc	ppm	█ 580	---	---	---
Phosphorus	ppm	█ 462	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 1	---	---	---

Depot: VOLVO0228
Unique No: 5788053
Signed: Wes Davis
Report Date: 31 May 2024

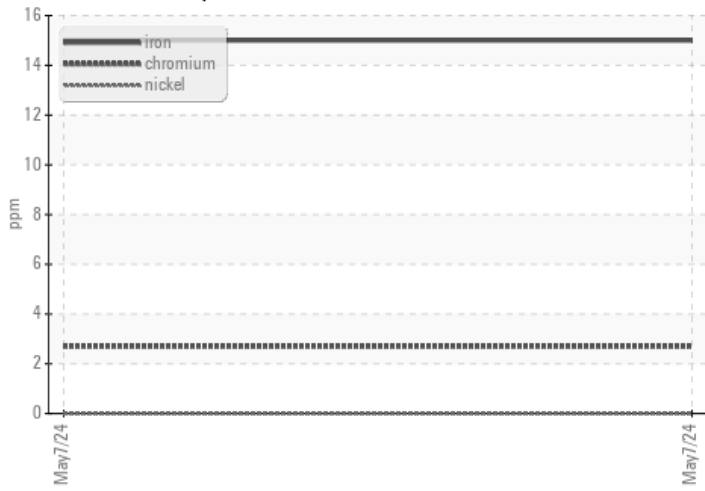


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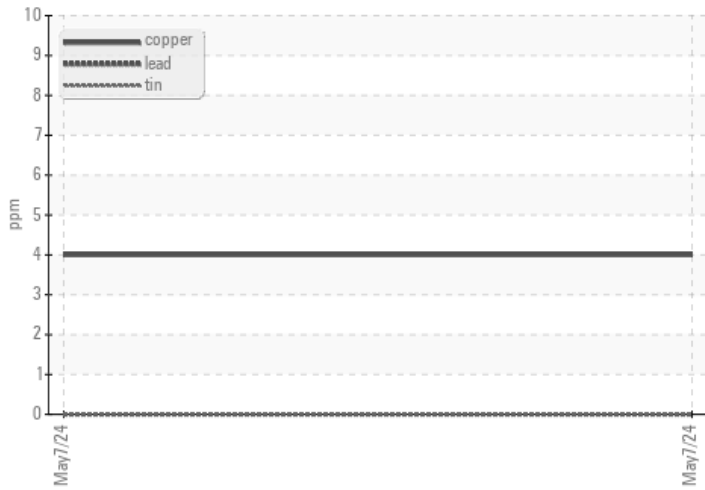


VOLVO GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

