



CONSTRUCTION EQUIPMENT

VILLE SAGUENAY 369537 VOLVO EW180B 8751917 - HYDRAULIC SYSTEM



Sample No: VCP380483
Oil Type: LUBRI ULTRA ISO 32
Job No: 369537



SAMPLE INFORMATION

Sample Number	VCP380483	VCP394884	---	---
Sample Date	26 Jul 2023	21 Jun 2023	---	---
Machine Hours	15912	15917	---	---
Oil Hours	2	0	---	---
Oil Changed	Not Chngd	N/A	---	---
Sample Status	NORMAL	ABNORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	33.3	▲ 27.5	---	---
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CONTAMINATION

Particles >4µm	2790	▲ 86746	---	---	
Particles >6µm	58	▲ 21949	---	---	
Particles >14µm	6	■ 200	---	---	
ISO 4406:1999 (c)	19/13/10	24/22/15	---	---	
Silicon	ppm	4	■ 5	---	---
Sodium	ppm	1	■ 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	4	■ 9	---	---
Copper	ppm	3	■ 7	---	---
Lead	ppm	<1	■ 1	---	---
Tin	ppm	0	■ 0	---	---
Aluminum	ppm	<1	■ 2	---	---
Chromium	ppm	<1	■ 1	---	---
Molybdenum	ppm	5	■ 8	---	---
Nickel	ppm	0	■ 0	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	<1	<1	---	---
Manganese	ppm	0	■ <1	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	2659	■ 2361	---	---
Magnesium	ppm	62	108	---	---
Zinc	ppm	1141	■ 1068	---	---
Phosphorus	ppm	1169	■ 1075	---	---
Barium	ppm	0	■ 0	---	---
Boron	ppm	9	■ 18	---	---

Depot: VOLVO0230
Unique No: 5618810
Signed: Wes Davis
Report Date: 03 Aug 2023

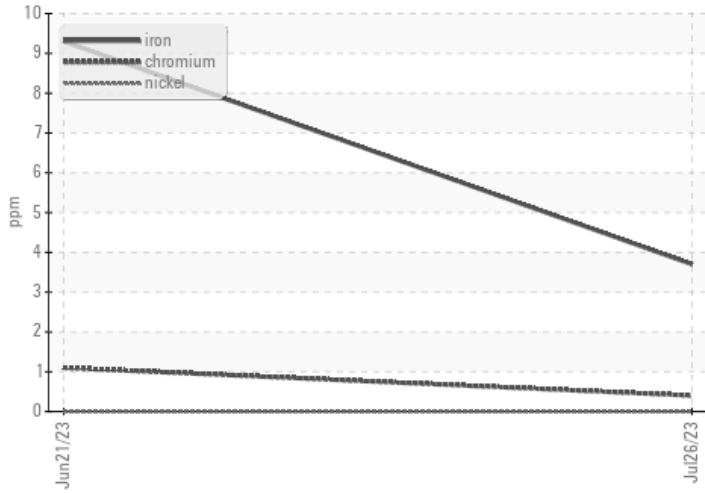


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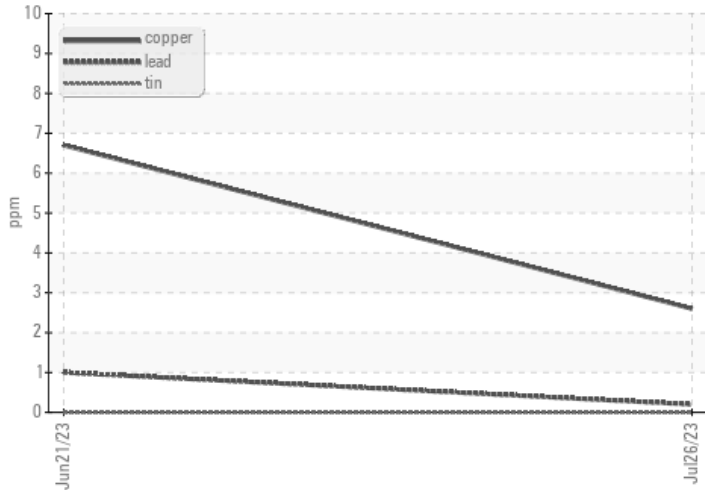


GRAPHS

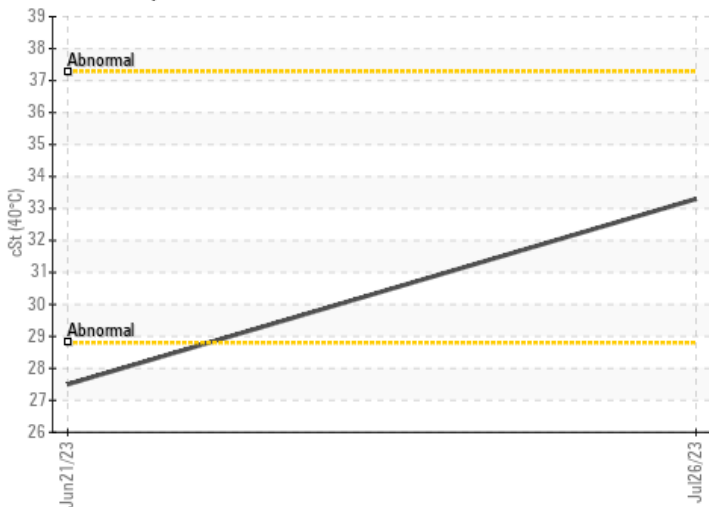
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

