



CONSTRUCTION EQUIPMENT

12621 METAL TECH VOLVO L180H 5339 - HYDRAULIC SYSTEM



Sample No: VCP453594
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 12621 METAL TECH



SAMPLE INFORMATION

Sample Number	VCP453594	---	---	---
Sample Date	06 May 2024	---	---	---
Machine Hours	9379	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

HOFFMAN EQUIPMENT - LIONVILLE
 120 GORDON DRIVE
 LIONVILLE, PA
 US 19341
 Contact: JIM FEHR
 jim.fehr@hoffmanequip.com
 T: (610)363-9200
 F: (610)594-0829



OIL CONDITION

Visc @ 40°C	cSt	█ 43.4	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.26	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 2	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 0	---	---	---



WEAR METALS

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



ADDITIVES

Calcium	ppm	█ 222	---	---	---
Magnesium	ppm	█ 9	---	---	---
Zinc	ppm	█ 420	---	---	---
Phosphorus	ppm	█ 363	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 3	---	---	---

Diagnosis

We recommend you service the filters on this component. Resample at the next service interval to monitor. We were unable to perform a particle count due to a high concentration of particles present in this sample. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Depot: VOLVO8879
Unique No: 11034061
Signed: Jonathan Hester
Report Date: 29 May 2024

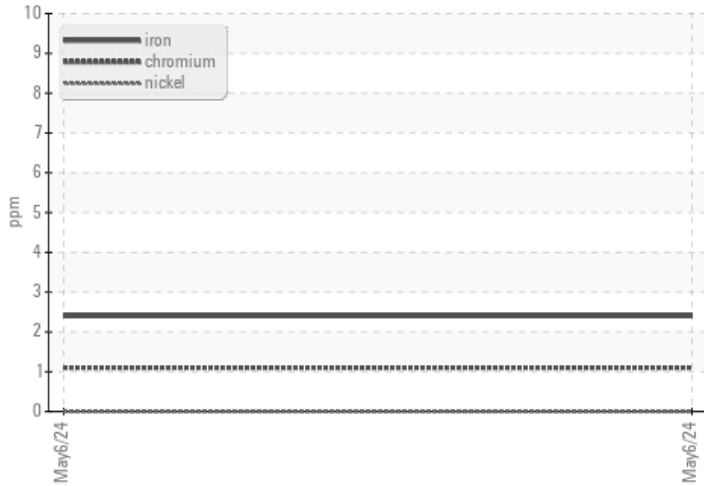


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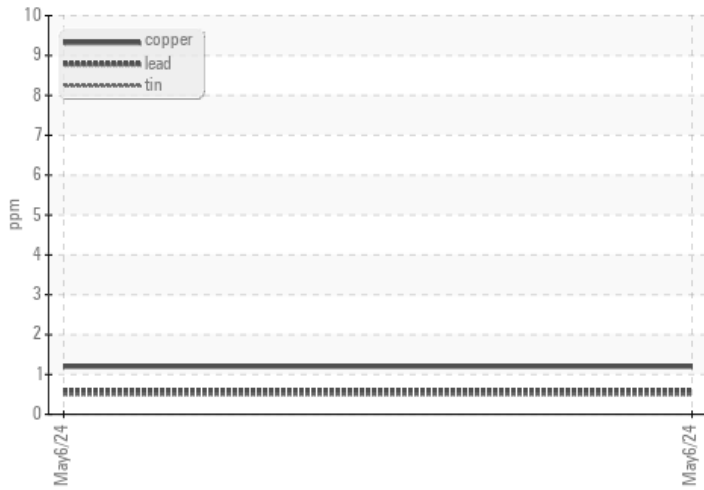


GRAPHS

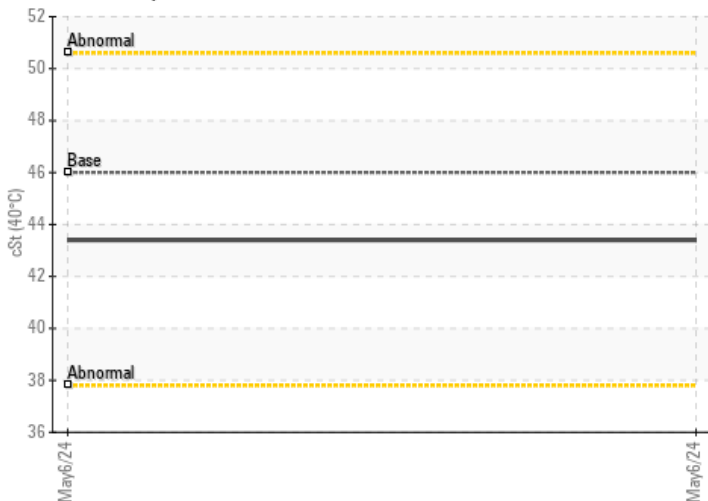
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Acid Number

