



CONSTRUCTION EQUIPMENT

G60837 FBS TIRE VOLVO L120F 25668 - HYDRAULIC SYSTEM



Sample No: VCE63602
Oil Type: AW HYDRAULIC OIL ISO 46
Job No: G60837 FBS TIRE



SAMPLE INFORMATION

Sample Number	VCE63602	---	---	---
Sample Date	24 Jan 2024	---	---	---
Machine Hours	30516	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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CONCORD, NH
US 03301
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T:
F: (603)224-3001



OIL CONDITION

Visc @ 40°C	cSt	█ 45.0	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.35	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 0	---	---	---



WEAR METALS

Iron	ppm	█ 4	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 2	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 148	---	---	---
Magnesium	ppm	█ 8	---	---	---
Zinc	ppm	█ 462	---	---	---
Phosphorus	ppm	█ 339	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

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 acceptable for the time in service.

Depot: VOLVO0049
Unique No: 10855903
Signed: Don Baldrige
Report Date: 31 Jan 2024

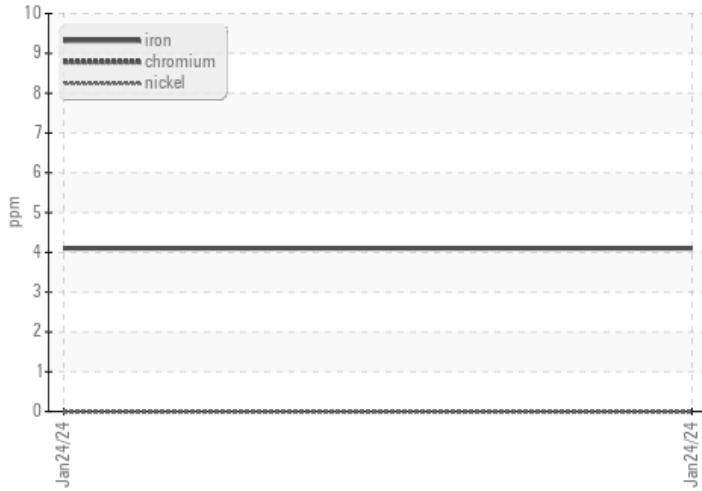


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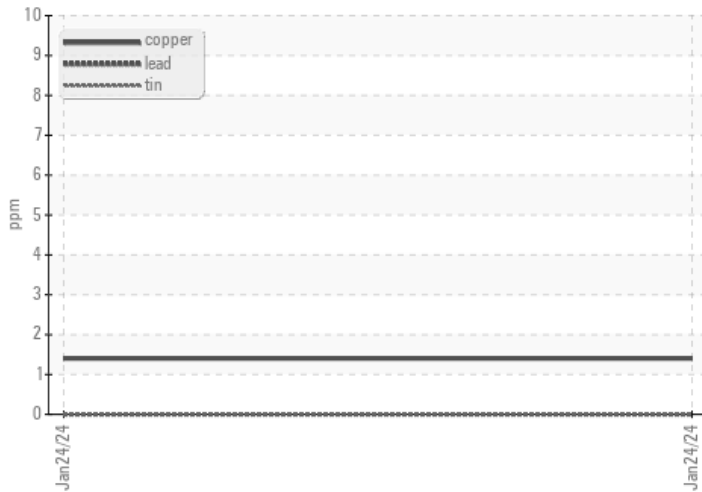


GRAPHS

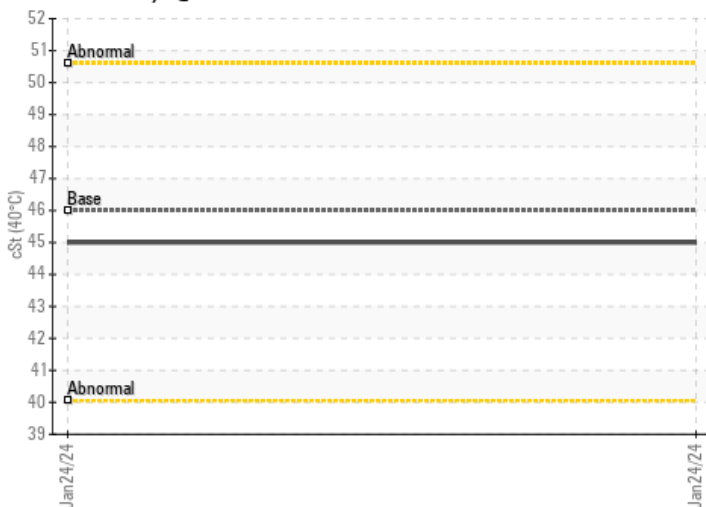
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Acid Number

