



CONSTRUCTION EQUIPMENT

X10999 CASE 850L NCDC80043 - HYDRAULIC SYSTEM



Sample No: VCP431876

Oil Type: {unknown}

Job No: X10999



SAMPLE INFORMATION

Sample Number	VCP431876	---	---	---
Sample Date	08 Jan 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

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 5401 SANDERSON LANE
 TEXARKANA, AR
 US 71854
 Contact: D. BELL
 dbell@scottcompanies.com
 T: (870)772-0204
 F:



OIL CONDITION

Visc @ 40°C	cSt	■ 56.5	---	---	---
Acid Number (AN)	mg KOH/g	■ 0.87	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 1	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ 6	---	---	---



WEAR METALS

Iron	ppm	■ 10	---	---	---
Copper	ppm	■ 2	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	58	---	---	---
Magnesium	ppm	20	---	---	---
Zinc	ppm	255	---	---	---
Phosphorus	ppm	386	---	---	---
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: VOLVO1034
Unique No: 10829413
Signed: Don Baldrige
Report Date: 12 Jan 2024

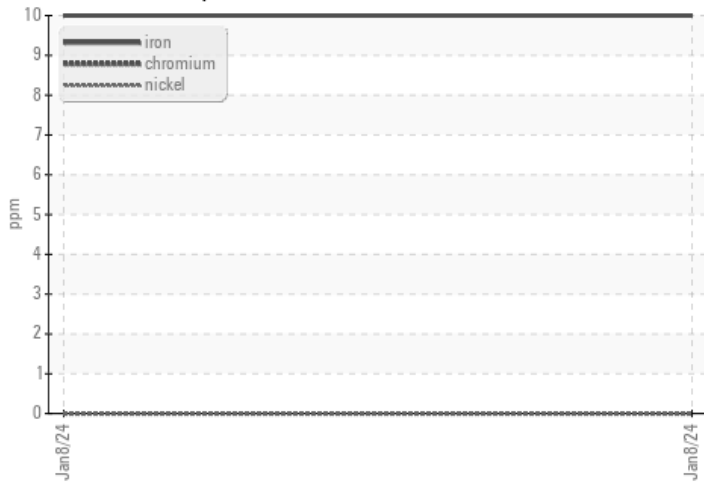


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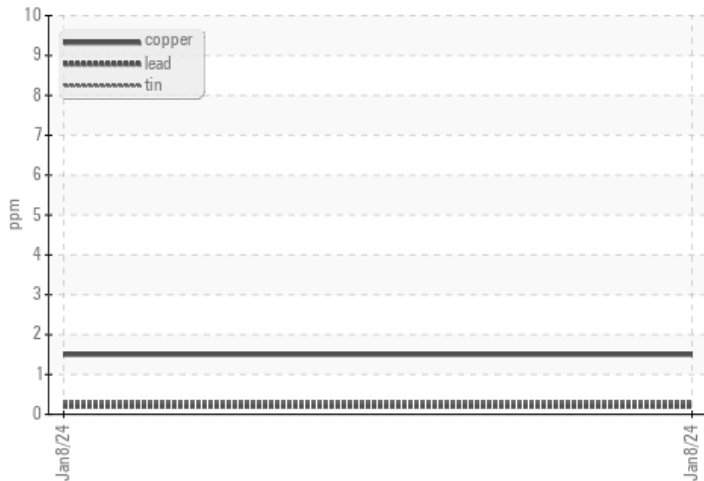


GRAPHS

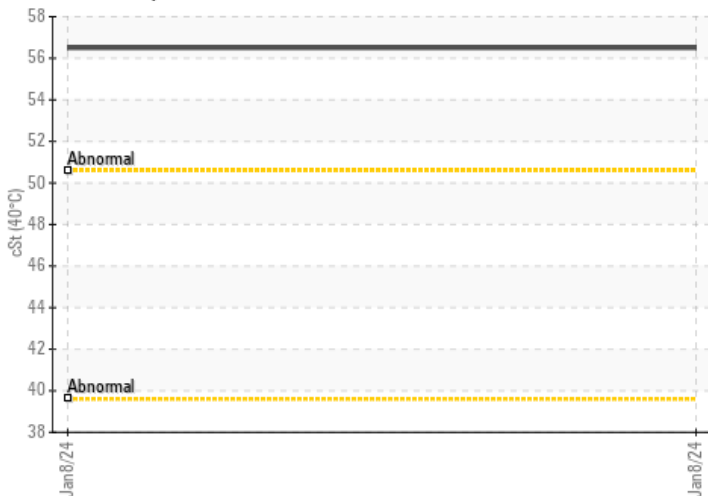
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Acid Number

