



CONSTRUCTION EQUIPMENT

BKC HOLDINGS VOLVO A25C 740205 - HYDRAULIC SYSTEM



Sample No: VCP432090
Oil Type: {unknown}
Job No: BKC HOLDINGS



SAMPLE INFORMATION

Sample Number	VCP432090	---	---	---
Sample Date	09 Nov 2023	---	---	---
Machine Hours	5144	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	■ 54.6	---	---	---
Acid Number (AN)	mg KOH/g	■ 0.55	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 3	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ 1	---	---	---



WEAR METALS

Iron	ppm	■ 5	---	---	---
Copper	ppm	■ 4	---	---	---
Lead	ppm	■ 2	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 3	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	3	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	128	---	---	---
Magnesium	ppm	29	---	---	---
Zinc	ppm	466	---	---	---
Phosphorus	ppm	344	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	2	---	---	---

Diagnosis

We recommend you service the filters on this component. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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: VOLVO0093
Unique No: 10848238
Signed: Don Baldrige
Report Date: 30 Jan 2024

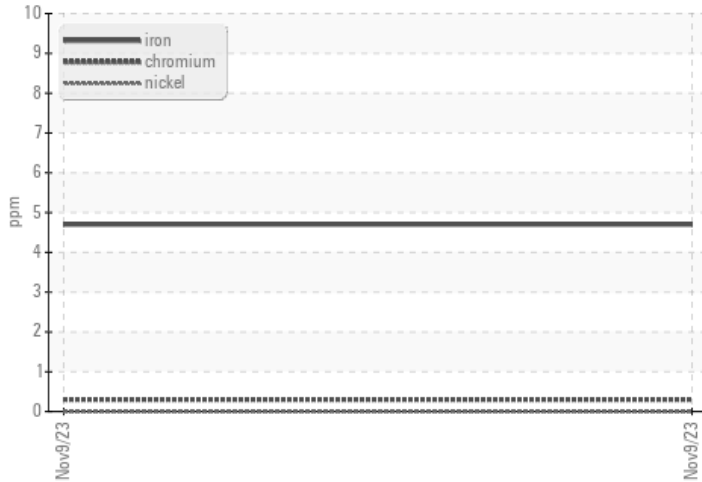


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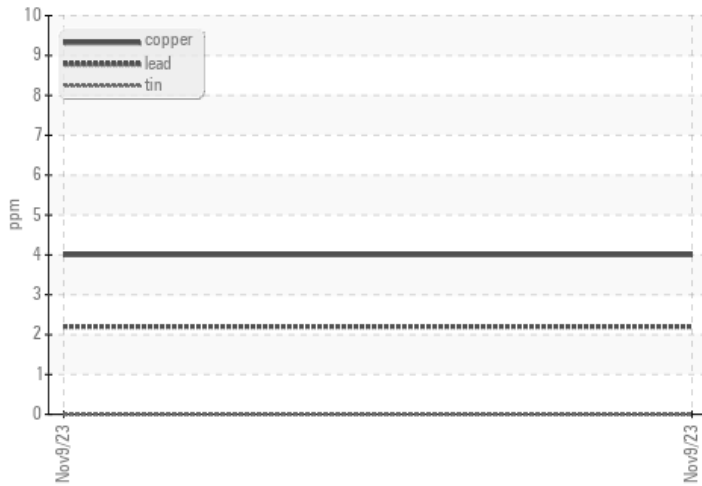


GRAPHS

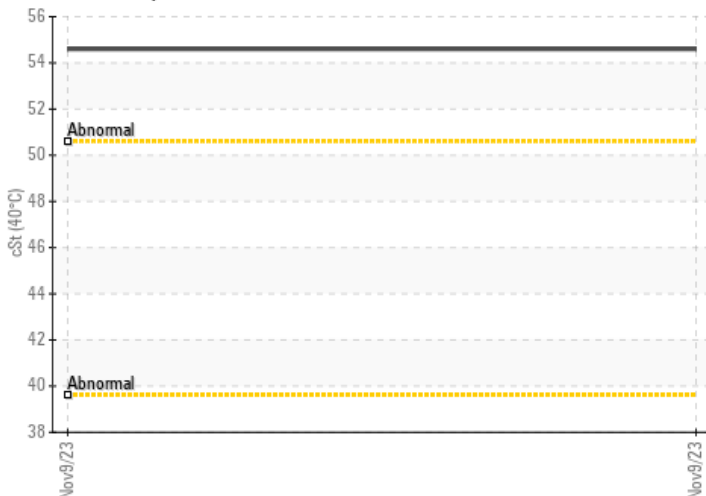
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Acid Number

