



CONSTRUCTION EQUIPMENT

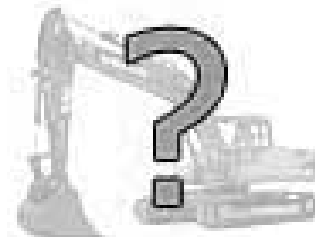
CON SUR TAKEUCHI TL8R NOT GIVEN VCP429403 (S/N NO INFO ON SIF/BOTTLE) - HYDRAULIC SYSTEM



Sample No: VCP429403

Oil Type: {unknown}

Job No: CON SUR



SAMPLE INFORMATION

Sample Number	VCP429403	---	---	---
Sample Date	05 Dec 2023	---	---	---
Machine Hours	1597	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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 TAMPA, FL
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OIL CONDITION

Visc @ 40°C	cSt	■ 90.2	---	---	---
Acid Number (AN)	mg KOH/g	■ 2.58	---	---	---



CONTAMINATION

Water	%	■ NEG	---	---	---
Silicon	ppm	■ 5	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ 1	---	---	---



WEAR METALS

Iron	ppm	■ 3	---	---	---
Copper	ppm	■ 4	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 3	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 48	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 0	---	---	---
Vanadium	ppm	■ 0	---	---	---



ADDITIVES

Calcium	ppm	■ 1399	---	---	---
Magnesium	ppm	■ 634	---	---	---
Zinc	ppm	■ 1105	---	---	---
Phosphorus	ppm	■ 977	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 50	---	---	---

Diagnosis

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 metal particles present in this sample. Moderate concentration of visible metal present. All component wear rates are normal. No other contaminants were detected in the oil. The AN level is acceptable for this fluid.

Depot: VOLVO0093
 Unique No: 10848237
 Signed: Don Baldrige
 Report Date: 30 Jan 2024

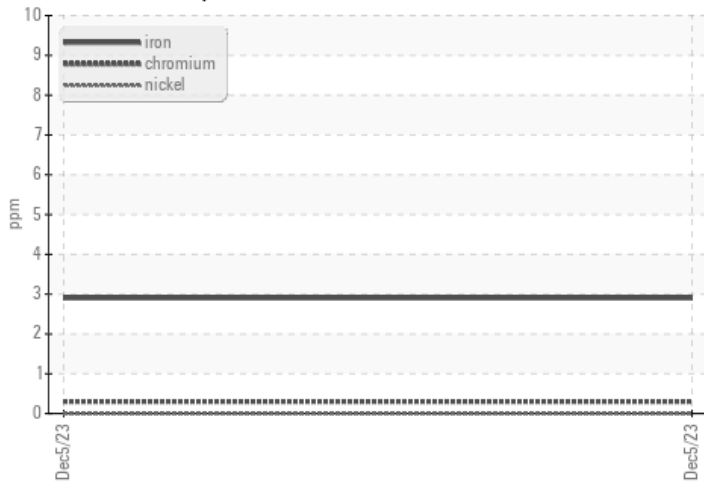


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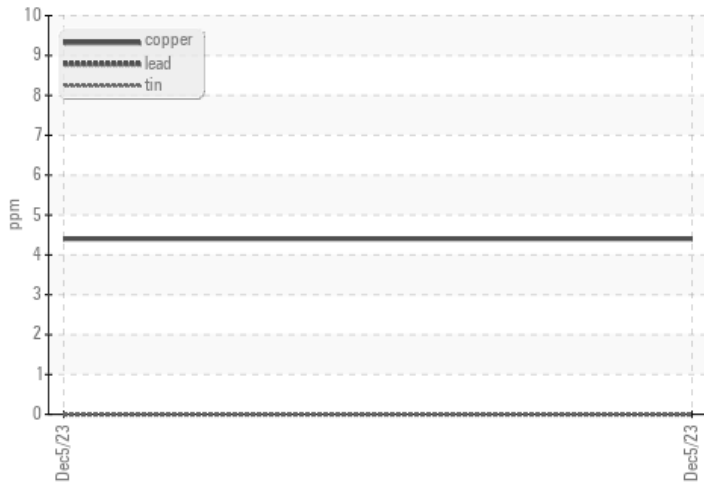


GRAPHS

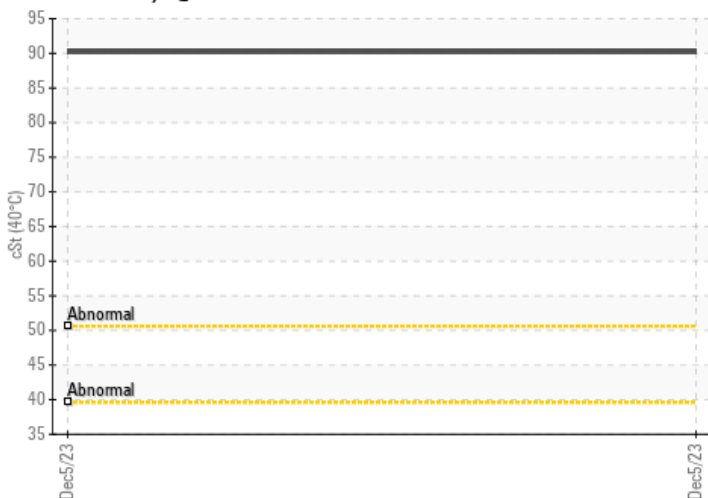
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Acid Number

