



CONSTRUCTION EQUIPMENT

SWA367117 VOLVO EC140 315666 - HYDRAULIC SYSTEM



Sample No: VCP413084
Oil Type: NOT GIVEN
Job No: SWA367117



SAMPLE INFORMATION

Sample Number	VCP413084	---	---	---
Sample Date	20 Sep 2023	---	---	---
Machine Hours	471	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

ALTA EQUIPMENT COMPANY

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 DAVIE, FL
 US 33314
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 T: (954)581-4744
 F: (954)583-0318



OIL CONDITION

Visc @ 40°C	cSt	█ 43.1	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.50	---	---	---



CONTAMINATION

Water	%	▲ 0.122	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 2	---	---	---



WEAR METALS

Iron	ppm	█ 1	---	---	---
Copper	ppm	█ 13	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	103	---	---	---
Magnesium	ppm	2	---	---	---
Zinc	ppm	573	---	---	---
Phosphorus	ppm	449	---	---	---
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. There is a light concentration of water present in the oil. 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: VOLVO0095
Unique No: 10659804
Signed: Don Baldrige
Report Date: 25 Sep 2023

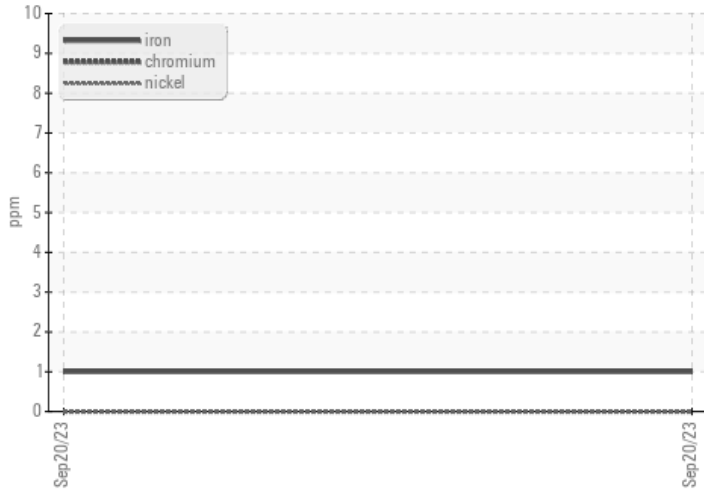


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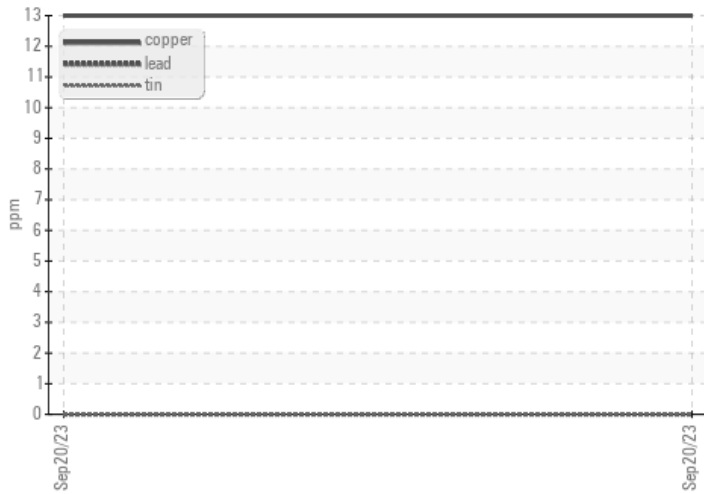


GRAPHS

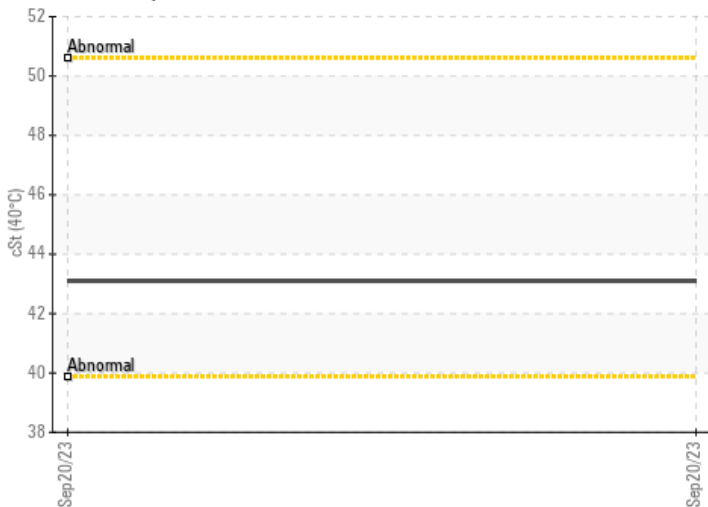
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Acid Number

