



CONSTRUCTION EQUIPMENT

VOLVO EC300E 318112 - HYDRAULIC SYSTEM



Sample No: VCP418036

Oil Type: {unknown}

Job No:



COWIN EQUIPMENT COMPANY INC - GUNTERSVILLE
 15101 ALABAMA HWY 20
 MADISON, AL
 US 35756
 Contact: J. VELOSKY
 jvelosky@cowin.com
 T: (256)350-0006
 F: (256)355-5250



SAMPLE INFORMATION

Sample Number	VCP418036	---	---	---
Sample Date	04 Apr 2024	---	---	---
Machine Hours	22	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 44.8	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.55	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 2	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 3	---	---	---



WEAR METALS

Iron	ppm	█ 0	---	---	---
Copper	ppm	█ 7	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	100	---	---	---
Magnesium	ppm	0	---	---	---
Zinc	ppm	543	---	---	---
Phosphorus	ppm	432	---	---	---
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. Tests do not reveal cause for reported problem. 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 suitable for further service.

Depot: COWMAD
Unique No: 10983080
Signed: Don Baldrige
Report Date: 22 Apr 2024

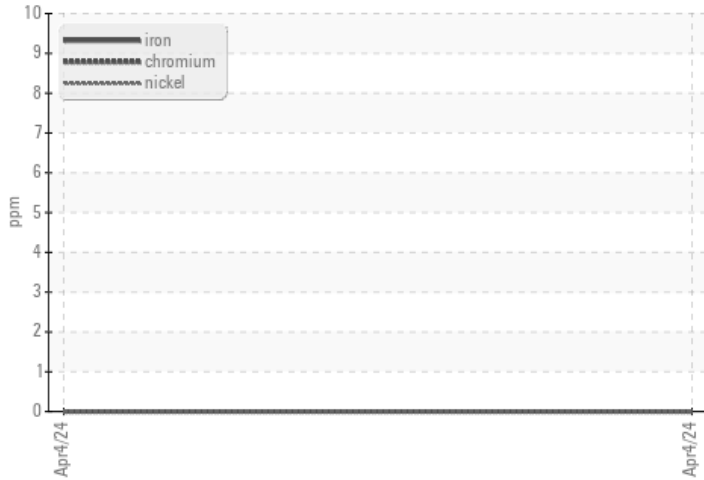


CONSTRUCTION EQUIPMENT

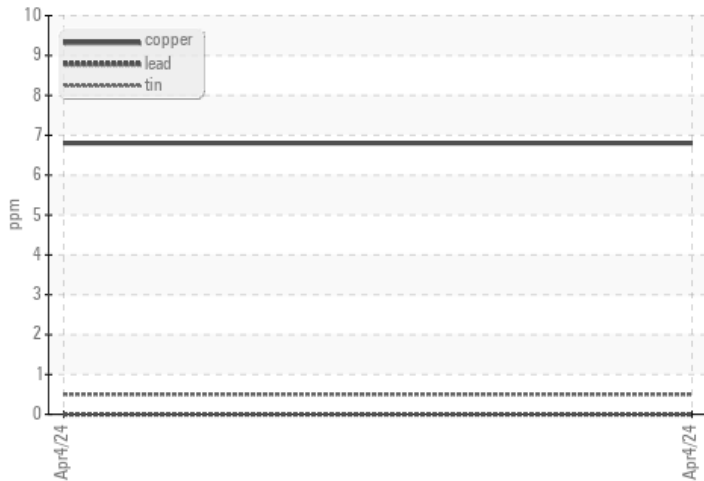


VOLVO GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Acid Number

