



# CONSTRUCTION EQUIPMENT

## VOLVO A45G 35323 - HYDRAULIC SYSTEM



**Sample No:** VCP437714  
**Oil Type:** VOLVO SUPER HYDRAULIC OIL 46  
**Job No:**



### SAMPLE INFORMATION

Sample Number	VCP437714	---	---	---
Sample Date	12 Apr 2024	---	---	---
Machine Hours	2288	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

**ALTA EQUIPMENT COMPANY**  
 5151 DR MARTIN LUTHER KING BLVD  
 FORT MYERS, FL  
 US 33905  
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### OIL CONDITION

Visc @ 40°C	cSt	█ 43.3	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.38	---	---	---



### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 5	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ <1	---	---	---



### WEAR METALS

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



### ADDITIVES

Calcium	ppm	█ 90	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 438	---	---	---
Phosphorus	ppm	█ 351	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

### Diagnosis

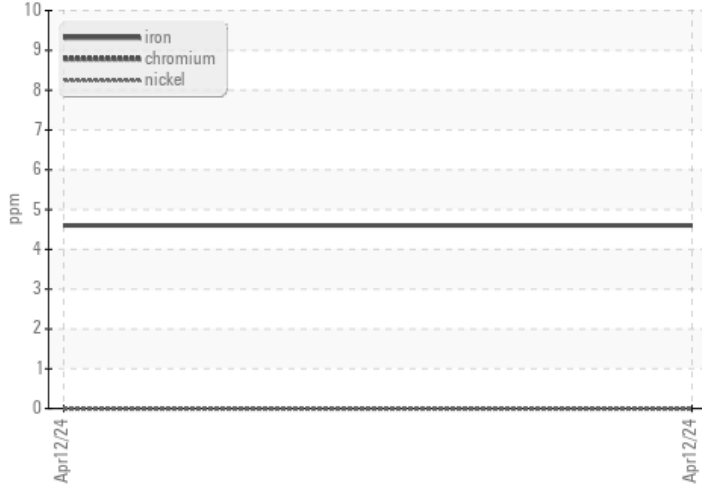
No corrective action is recommended at this time. The filter change at the time of sampling has been noted. Resample at the next service interval to monitor. We were unable to perform a particle count due to a high concentration of particles present in this sample. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

**Depot:** VOLVO0090  
**Unique No:** 10989697  
**Signed:** Don Baldrige  
**Report Date:** 23 Apr 2024

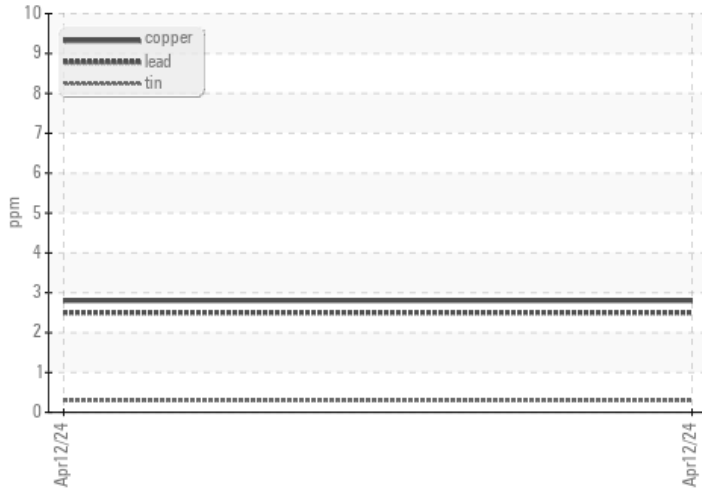


## GRAPHS

### Ferrous Alloys



### Non-ferrous Metals



### Viscosity @ 40°C



### Acid Number

