



# CONSTRUCTION EQUIPMENT

## SWA548445-20 VOLVO L60H 2528 - HYDRAULIC SYSTEM



**Sample No:** VCP430345  
**Oil Type:** VOLVO SUPER HYDRAULIC OIL 46  
**Job No:** SWA548445-20



### SAMPLE INFORMATION

Sample Number	VCP430345	---	---	---
Sample Date	17 May 2024	---	---	---
Machine Hours	2053	---	---	---
Oil Hours	2053	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

### ALTA EQUIPMENT

5985 COURT STREET ROAD  
 SYRACUSE, NY  
 US 13206  
 Contact: JIM STRIGLE  
 JIM.STRIGLE@ALTG.COM  
 T: (315)437-2611  
 F: (315)434-9471



### OIL CONDITION

Visc @ 40°C	cSt	█ 45.6	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.42	---	---	---



### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 1	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 1	---	---	---



### WEAR METALS

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



### ADDITIVES

Calcium	ppm	█ 335	---	---	---
Magnesium	ppm	32	---	---	---
Zinc	ppm	█ 468	---	---	---
Phosphorus	ppm	█ 388	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 5	---	---	---

### Diagnosis

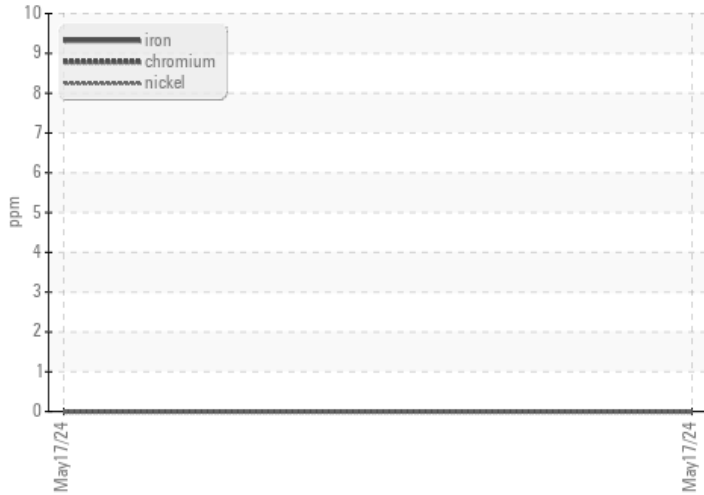
We recommend you service the filters on this component. Resample at the next service interval to monitor. We were unable to perform a particle count due to a high concentration of particles present in this sample. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.

**Depot:** VOLV00142  
**Unique No:** 11047730  
**Signed:** Don Baldrige  
**Report Date:** 30 May 2024

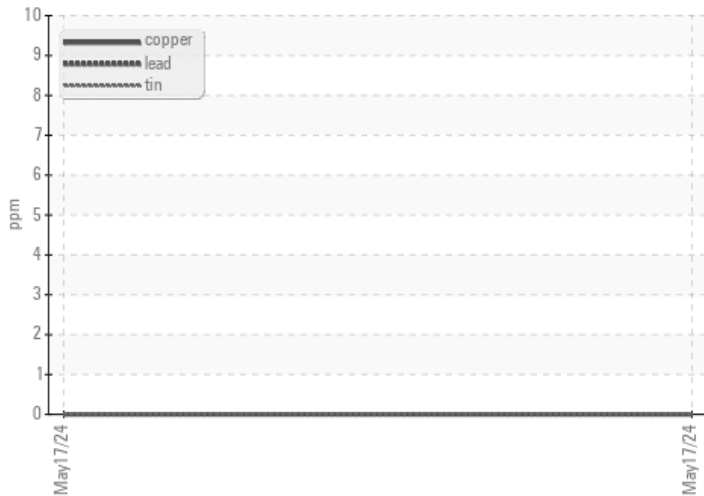


## GRAPHS

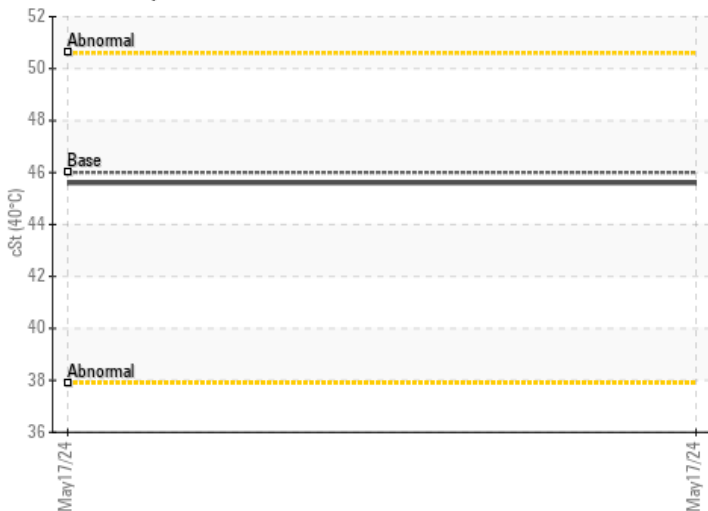
### Ferrous Alloys



### Non-ferrous Metals



### Viscosity @ 40°C



### Acid Number

