



# CONSTRUCTION EQUIPMENT

## TUCKER PAVING VOLVO A25G 752438 - HYDRAULIC SYSTEM



**Sample No:** VCP444730  
**Oil Type:** VOLVO SUPER HYDRAULIC OIL 46  
**Job No:** TUCKER PAVING



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC  
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### SAMPLE INFORMATION

Sample Number	VCP444730	VCP402598	---	---
Sample Date	18 Jun 2024	22 Feb 2023	---	---
Machine Hours	3330	1047	---	---
Oil Hours	0	1047	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	ATTENTION	NORMAL	---	---



### OIL CONDITION

Visc @ 40°C	cSt	43.2	44.4	---	---
Acid Number (AN)	mg KOH/g	0.40	0.36	---	---



### CONTAMINATION

Water	%	NEG	NEG	---	---
Particles >4µm		5187	4107	---	---
Particles >6µm		1507	644	---	---
Particles >14µm		212	23	---	---
ISO 4406:1999 (c)		20/18/15	19/17/12	---	---
Silicon	ppm	6	3	---	---
Sodium	ppm	2	<1	---	---
Potassium	ppm	1	<1	---	---



### WEAR METALS

Iron	ppm	10	4	---	---
Copper	ppm	4	2	---	---
Lead	ppm	2	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	2	1	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	0	---	---
Vanadium	ppm	0	0	---	---



### ADDITIVES

Calcium	ppm	148	131	---	---
Magnesium	ppm	<1	1	---	---
Zinc	ppm	446	405	---	---
Phosphorus	ppm	355	318	---	---
Barium	ppm	0	0	---	---
Boron	ppm	<1	0	---	---

### Diagnosis

We recommend you service the filters on this component. Resample at the next service interval to monitor. All component wear rates are normal. There is a light amount of silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

**Depot:** VOLVO0093  
**Unique No:** 11099341  
**Signed:** Wes Davis  
**Report Date:** 27 Jun 2024

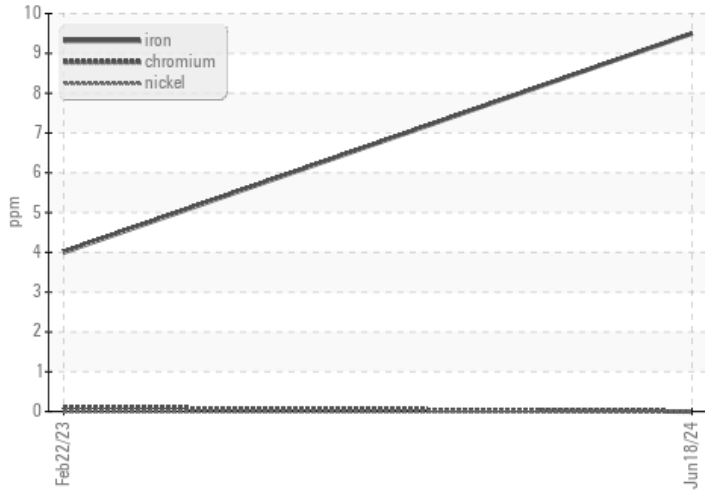


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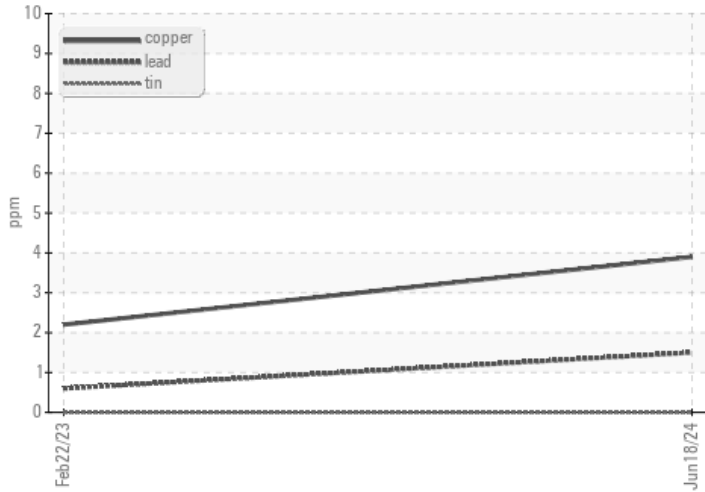


## GRAPHS

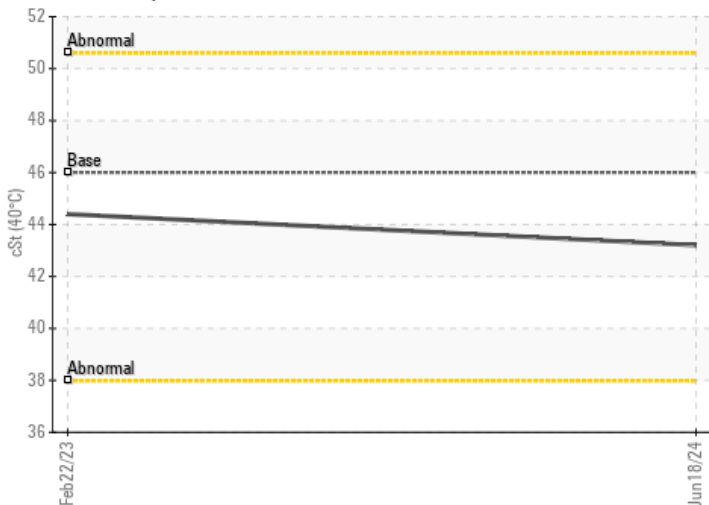
### Ferrous Alloys



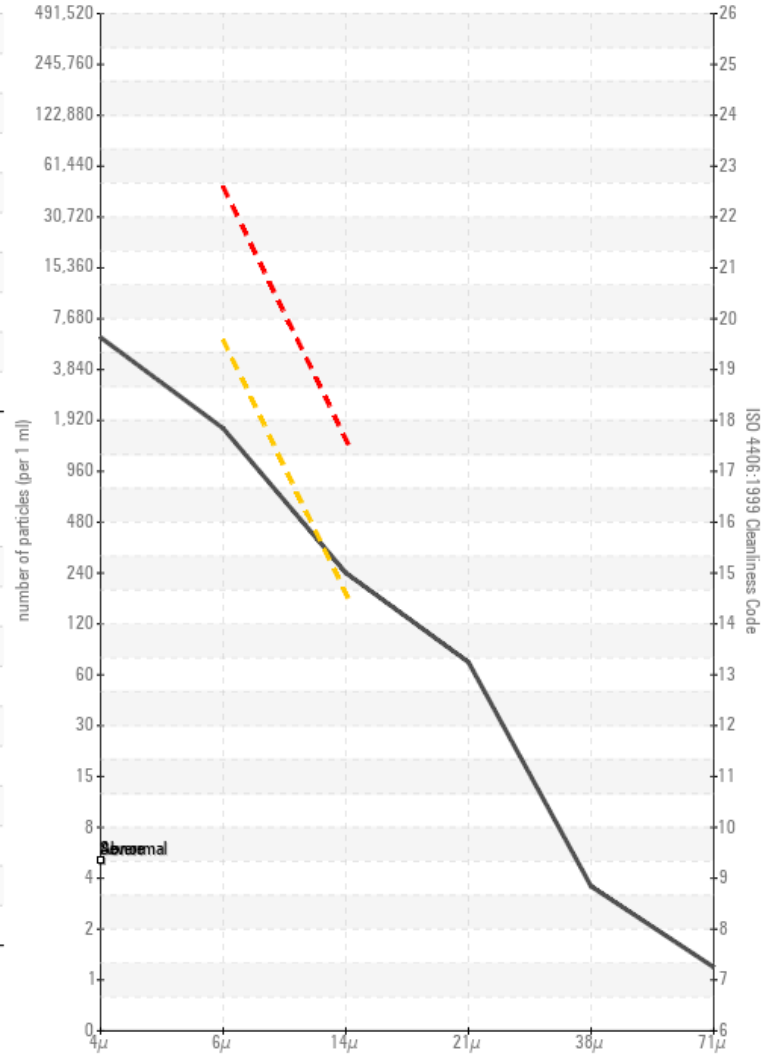
### Non-ferrous Metals



### Viscosity @ 40°C



### Particle Count



### Acid Number

