



# CONSTRUCTION EQUIPMENT

## 560376 LKQ VOLVO L90H 626621 - HYDRAULIC SYSTEM



**Sample No:** VCP447003  
**Oil Type:** VOLVO SUPER HYDRAULIC OIL 46  
**Job No:** 560376 LKQ



### SAMPLE INFORMATION

Sample Number	VCP447003	---	---	---
Sample Date	14 May 2024	---	---	---
Machine Hours	2089	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

### ALTA EQUIPMENT COMPANY

5210 REESE ROAD  
 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	█ 0.34	---	---	---



### CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		█ 11057	---	---	---
Particles >6µm		█ 2085	---	---	---
Particles >14µm		● 118	---	---	---
ISO 4406:1999 (c)		21/18/14	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 0	---	---	---

### Diagnosis

The filter change at the time of sampling has been noted. 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.



### WEAR METALS

Iron	ppm	█ 6	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ < 1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	0	---	---	---



### ADDITIVES

Calcium	ppm	█ 61	---	---	---
Magnesium	ppm	█ 3	---	---	---
Zinc	ppm	█ 427	---	---	---
Phosphorus	ppm	█ 325	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

**Depot:** VOLVO0095  
**Unique No:** 11035553  
**Signed:** Wes Davis  
**Report Date:** 21 May 2024

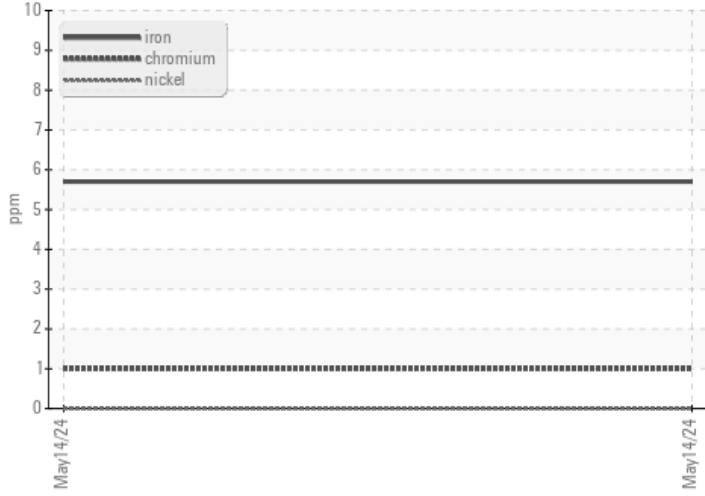


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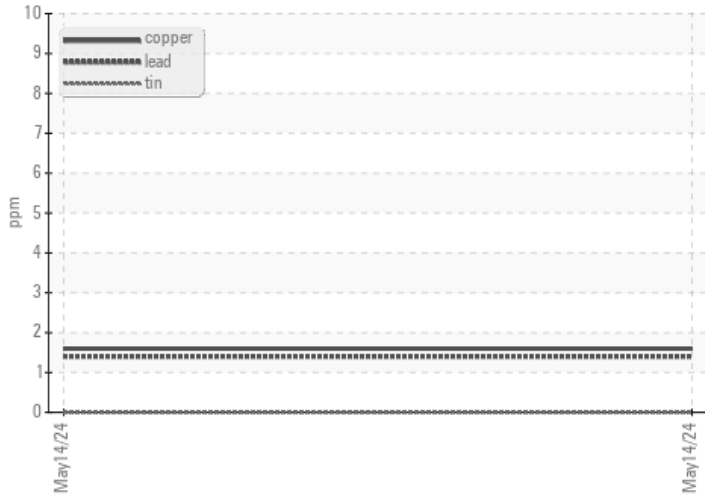


## GRAPHS

### Ferrous Alloys



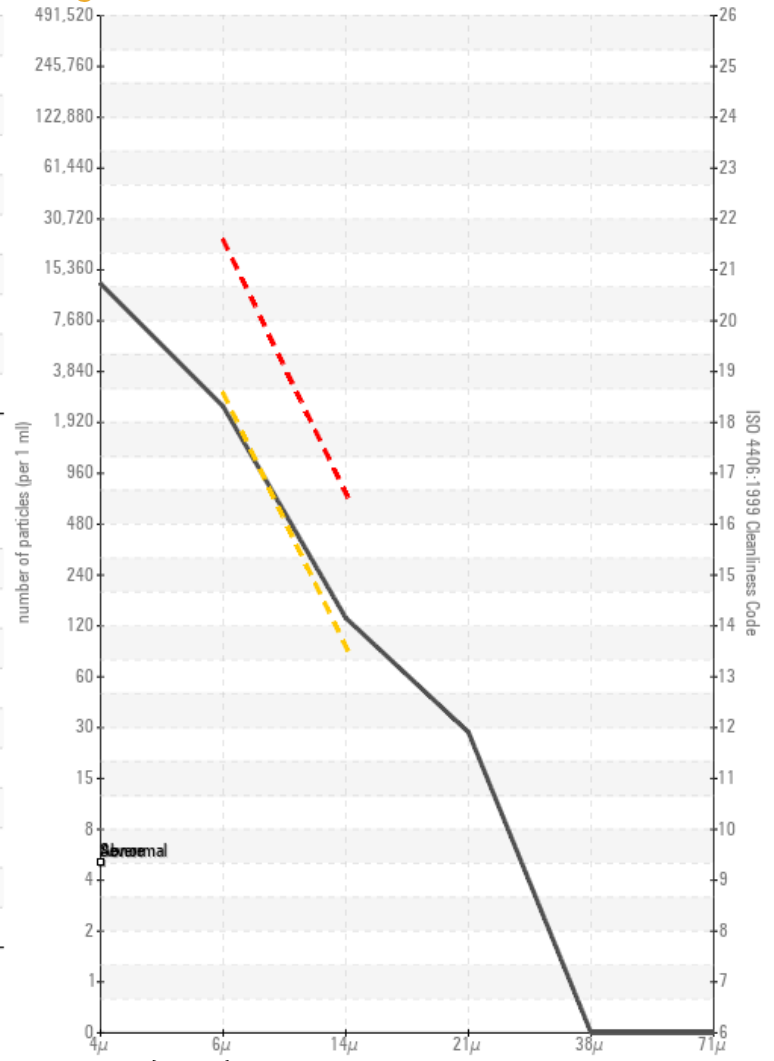
### Non-ferrous Metals



### Viscosity @ 40°C



### Particle Count



### Acid Number

