



CONSTRUCTION EQUIPMENT

SPM633152 MAJOR VOLVO L110H 632377 - HYDRAULIC SYSTEM



Sample No: VCP428541
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: SPM633152 MAJOR



SAMPLE INFORMATION

Sample Number	VCP428541	---	---	---
Sample Date	08 Nov 2023	---	---	---
Machine Hours	2237	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

ALTA CONSTRUCTION EQUIPMENT LLC
 G-3283 S. DORT HIGHWAY
 BURTON, MI
 US 48529
 Contact: BURTON SERVICE
 BURTON.SERVICE@ALTAEQUIPMENT.COM
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	█44.1	---	---	---
Acid Number (AN)	mg KOH/g	█0.27	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█4	---	---	---
Sodium	ppm	█0	---	---	---
Potassium	ppm	█2	---	---	---



WEAR METALS

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



ADDITIVES

Calcium	ppm	█81	---	---	---
Magnesium	ppm	█4	---	---	---
Zinc	ppm	█431	---	---	---
Phosphorus	ppm	█285	---	---	---
Barium	ppm	█0	---	---	---
Boron	ppm	█0	---	---	---

Diagnosis

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: VOLVO5023
Unique No: 10764983
Signed: Jonathan Hester
Report Date: 01 Dec 2023

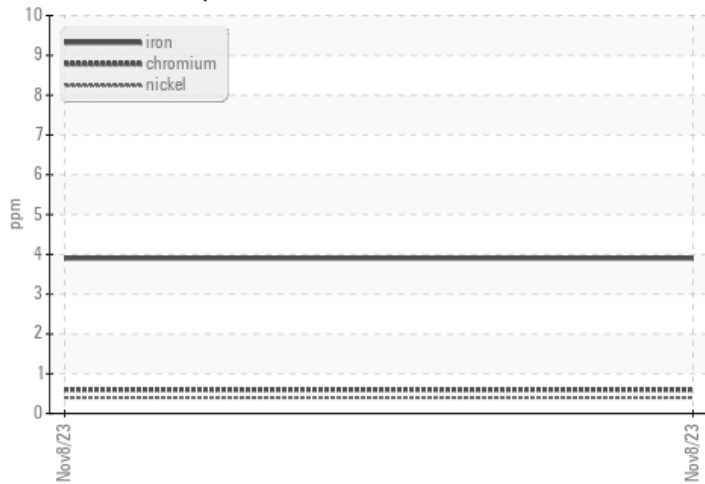


CONSTRUCTION EQUIPMENT

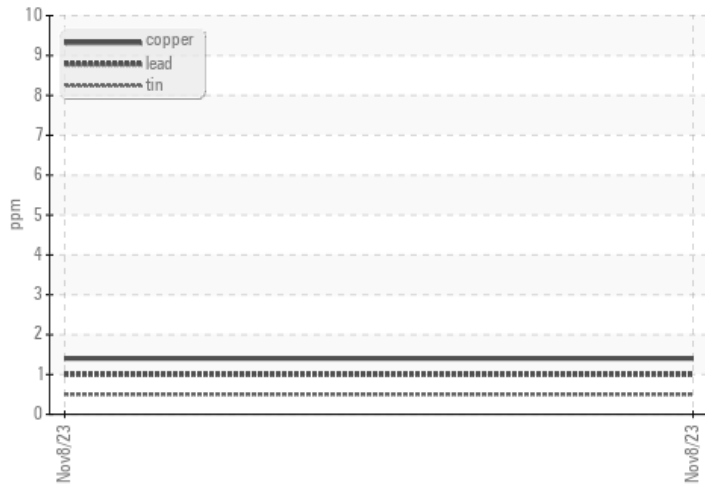


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Acid Number

