



CONSTRUCTION EQUIPMENT

19772 LANE-BLYTHE VOLVO A45GFs 35252 - HYDRAULIC SYSTEM



Sample No: VCP441295
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 19772 LANE-BLYTHE



SAMPLE INFORMATION

Sample Number	VCP441295	VCP421950	---	---
Sample Date	05 Oct 2023	09 Jun 2023	---	---
Machine Hours	6445	5446	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

117 - ASCENDUM MACHINERY INC - GREENVILLE
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 GREENVILLE, NC
 US 27834
 Contact: BRANDON JENKINS
 BRANDON.JENKINS@ASCENDUMMACHINERY.COM
 T:
 F: (704)494-8197



OIL CONDITION

Visc @ 40°C	cSt	46.8	47.7	---	---
Acid Number (AN)	mg KOH/g	1.44	1.40	---	---



CONTAMINATION

Silicon	ppm	6	5	---	---
Sodium	ppm	2	0	---	---
Potassium	ppm	1	2	---	---



WEAR METALS

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



ADDITIVES

Calcium	ppm	1931	2156	---	---
Magnesium	ppm	15	14	---	---
Zinc	ppm	981	980	---	---
Phosphorus	ppm	801	862	---	---
Barium	ppm	0	0	---	---
Boron	ppm	2	<1	---	---

Diagnosis

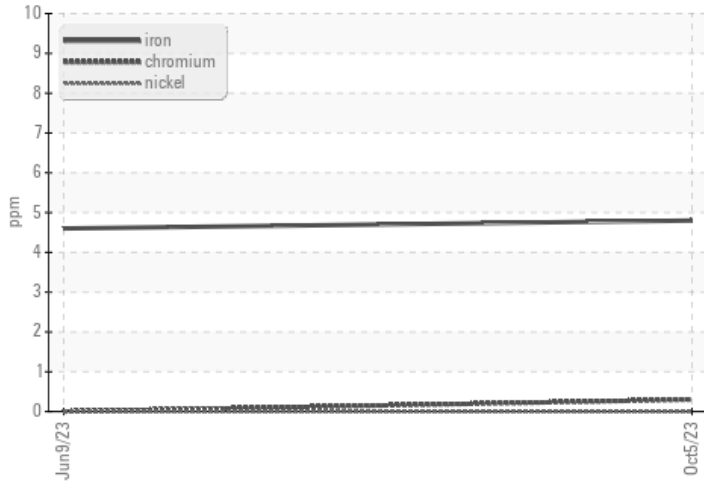
The filter change at the time of sampling has been noted. Resample at the next service interval to monitor. We were unable to perform a particle count due to a high concentration of particles present in this sample. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Depot: VOLVO8769
Unique No: 10701976
Signed: Angela Borella
Report Date: 23 Oct 2023

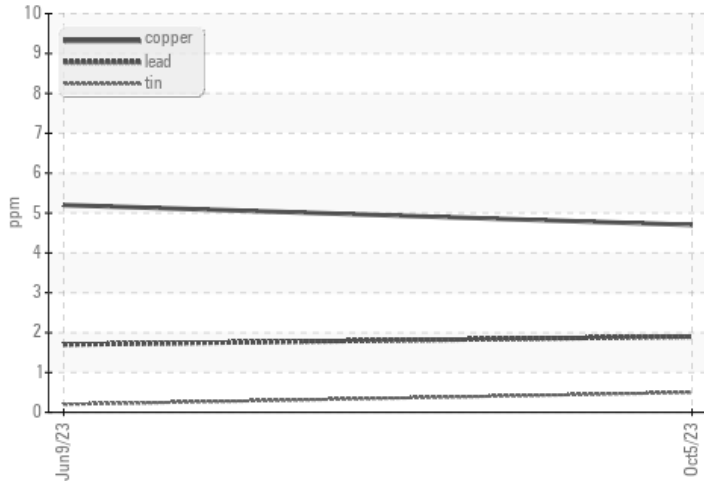


GRAPHS

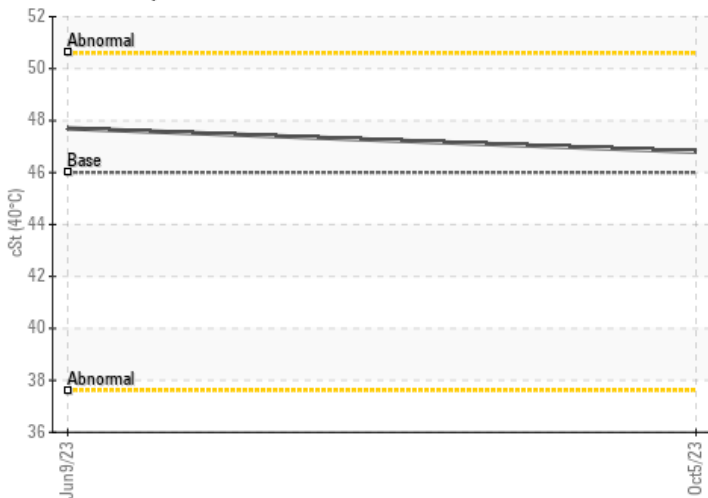
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Acid Number

