



CONSTRUCTION EQUIPMENT

SPM539964 KAWASAKI 115ZV 11J1-5057 - HYDRAULIC SYSTEM



Sample No: VCP397689
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: SPM539964



SAMPLE INFORMATION

Sample Number	VCP397689	VCP327352	---	---
Sample Date	20 Apr 2023	07 Apr 2023	---	---
Machine Hours	7690	6183	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Changd	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

ALTA EQUIPMENT CO - ORLAND PARK
 5000 INDUSTRIAL HWY
 GARY, IN
 US 46406
 Contact: DAVE ENG
 DAVE.ENG@ALTG.COM
 T: (312)350-2560
 F:



OIL CONDITION

Visc @ 40°C	cSt	42.1	45.2	---	---
Acid Number (AN)	mg KOH/g	0.48	0.20	---	---



CONTAMINATION

Silicon	ppm	3	2	---	---
Sodium	ppm	<1	0	---	---
Potassium	ppm	0	<1	---	---



WEAR METALS

Iron	ppm	21	5	---	---
Copper	ppm	2	3	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	0	---	---
Chromium	ppm	6	<1	---	---
Molybdenum	ppm	3	0	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	0	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	258	22	---	---
Magnesium	ppm	2	2	---	---
Zinc	ppm	555	75	---	---
Phosphorus	ppm	524	325	---	---
Barium	ppm	0	0	---	---
Boron	ppm	27	0	---	---

Diagnosis

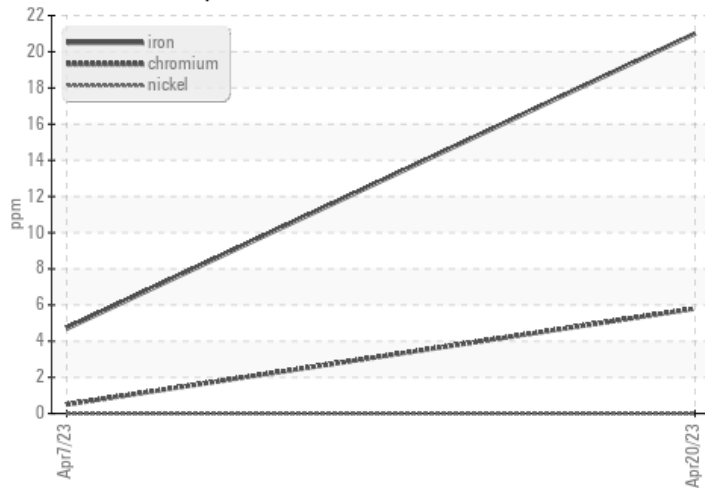
No corrective action is recommended at this time. Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. We were unable to perform a particle count due to a high concentration of particles present in this sample. All component wear rates are normal. There is a moderate amount of visible silt present in the sample. The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.

Depot: VOLVO8885
Unique No: 10457957
Signed: Don Baldrige
Report Date: 09 May 2023

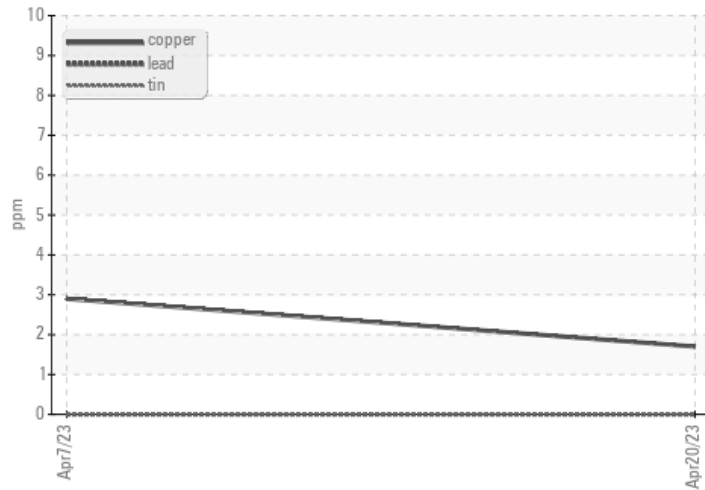


GRAPHS

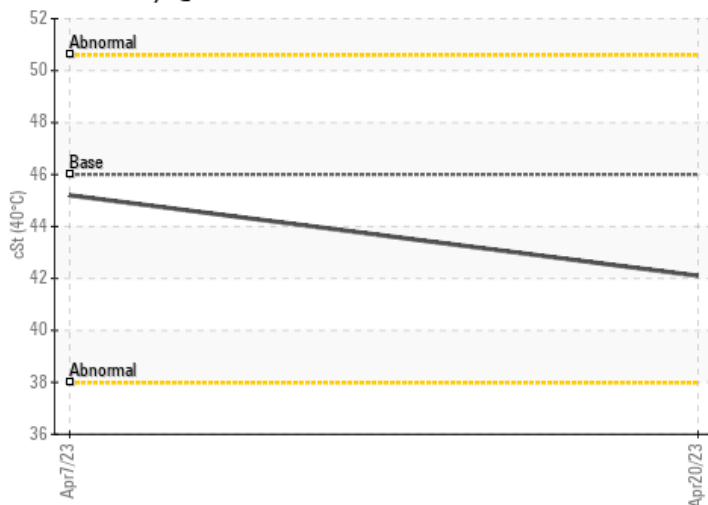
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Acid Number

