



CONSTRUCTION EQUIPMENT

699871 WASTE CONN VOLVO L150H 7103 - HYDRAULIC SYSTEM



Sample No: VCP455171
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 699871 WASTE CONN



SAMPLE INFORMATION

Sample Number	VCP455171	VCP432038	VCP370741	VCP376901
Sample Date	01 Apr 2024	11 Dec 2023	28 Oct 2022	18 Aug 2022
Machine Hours	4802	3794	884	383
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Changed	Not Changd	Not Changd
Sample Status	ABNORMAL	NORMAL	ATTENTION	NORMAL

ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC
 9601 BOGGY CREEK RD
 ORLANDO, FL
 US 32824
 Contact: Robert LaPlante
 robert.laplante@altg.com
 T: (407)508-9736
 F: (407)659-8720



OIL CONDITION

Visc @ 40°C	cSt	43.3	43.0	43.8	44.8
Acid Number (AN)	mg KOH/g	0.35	0.33	0.41	0.41



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Particles >4µm		▲ 11659	4773	5885	3291
Particles >6µm		▲ 2658	417	243	183
Particles >14µm		■ 142	24	8	14
ISO 4406:1999 (c)		21/19/14	19/16/12	20/15/10	19/15/11
Silicon	ppm	■ 2	2	1	1
Sodium	ppm	■ <1	3	0	1
Potassium	ppm	■ 2	0	0	0

Diagnosis

We recommend you service the filters on this component. We recommend an early resample to monitor this condition. All component wear rates are normal. There is a moderate amount of silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.



WEAR METALS

Iron	ppm	■ 3	3	1	1
Copper	ppm	■ 2	3	2	1
Lead	ppm	■ 1	1	1	1
Tin	ppm	■ <1	0	0	<1
Aluminum	ppm	■ 2	0	0	<1
Chromium	ppm	■ 2	2	<1	<1
Molybdenum	ppm	■ <1	0	0	0
Nickel	ppm	■ 0	0	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	■ 0	0	0	0
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	■ 119	44	49	48
Magnesium	ppm	■ 8	0	0	0
Zinc	ppm	■ 430	412	433	408
Phosphorus	ppm	■ 320	327	325	325
Barium	ppm	■ 0	0	<1	0
Boron	ppm	■ 0	0	0	<1

Depot: VOLVO0096
Unique No: 10963296
Signed: Wes Davis
Report Date: 05 Apr 2024

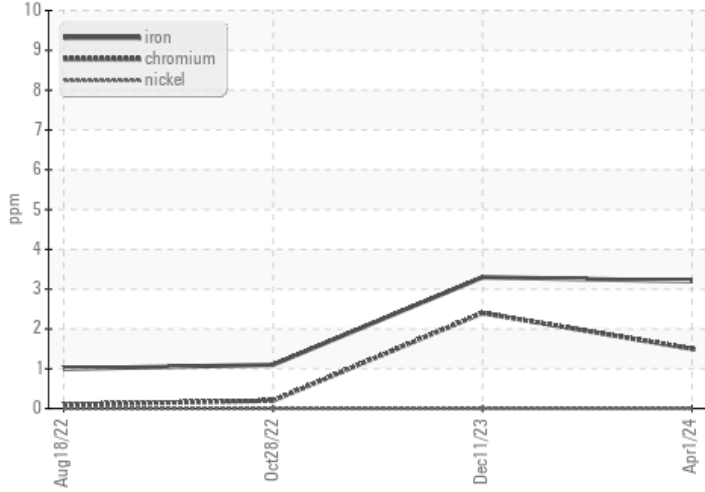


CONSTRUCTION EQUIPMENT

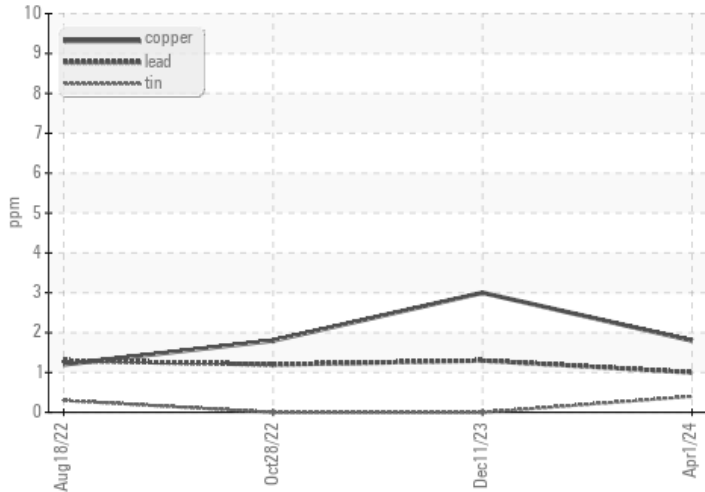


GRAPHS

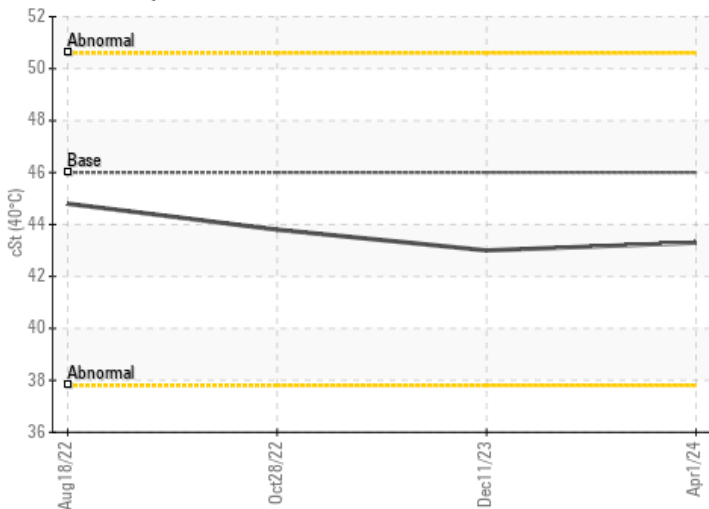
Ferrous Alloys



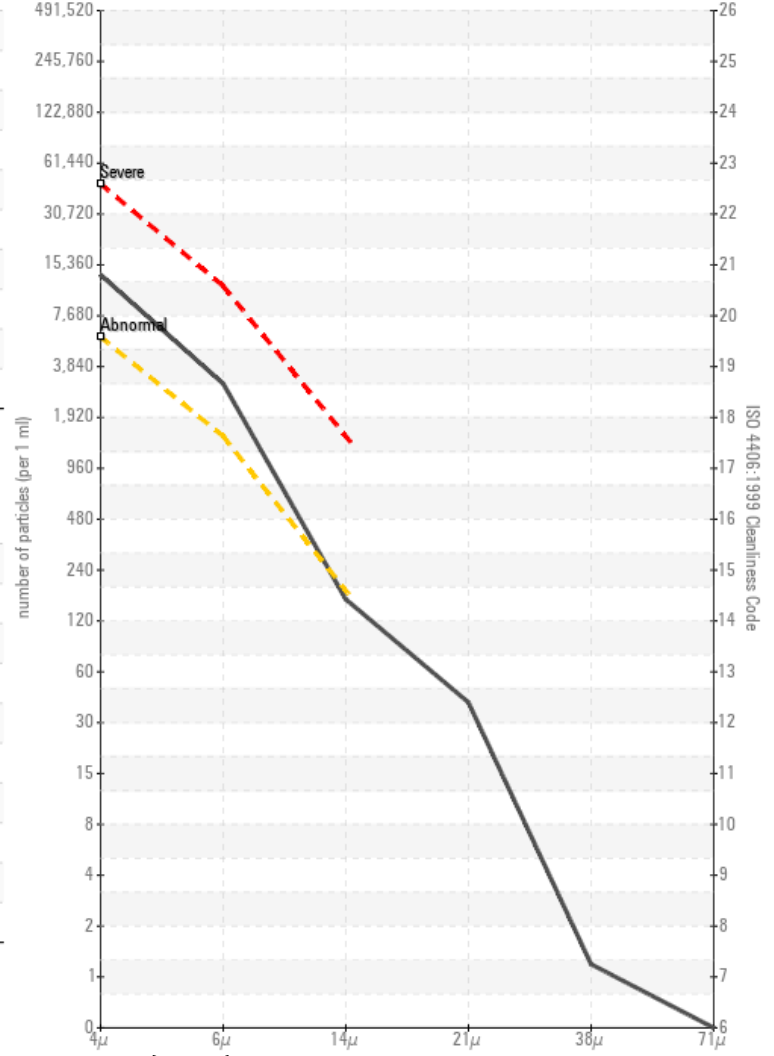
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

