



# CONSTRUCTION EQUIPMENT

## 703568 WASTE CONN VOLVO L150H 7103 - HYDRAULIC SYSTEM



**Sample No:** VCP451288  
**Oil Type:** VOLVO SUPER HYDRAULIC OIL 46  
**Job No:** 703568 WASTE CONN



### SAMPLE INFORMATION

Sample Number	<b>VCP451288</b>	VCP455171	VCP432038	VCP370741
Sample Date	<b>30 Apr 2024</b>	01 Apr 2024	11 Dec 2023	28 Oct 2022
Machine Hours	<b>5041</b>	4802	3794	884
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Chngd</b>	Not Chngd	Changed	Not Chngd
Sample Status	<b>NORMAL</b>	ABNORMAL	NORMAL	ATTENTION

**ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC**  
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### OIL CONDITION

Visc @ 40°C	cSt	<b>43.0</b>	43.3	43.0	43.8
Acid Number (AN)	mg KOH/g	<b>0.47</b>	0.35	0.33	0.41



### CONTAMINATION

Water	%	<b>NEG</b>	NEG	NEG	NEG
Particles >4µm		<b>2703</b>	11659	4773	5885
Particles >6µm		<b>409</b>	2658	417	243
Particles >14µm		<b>23</b>	142	24	8
ISO 4406:1999 (c)		<b>19/16/12</b>	21/19/14	19/16/12	20/15/10
Silicon	ppm	<b>&lt;1</b>	2	2	1
Sodium	ppm	<b>2</b>	<1	3	0
Potassium	ppm	<b>0</b>	2	0	0

### Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



### WEAR METALS

Iron	ppm	<b>2</b>	3	3	1
Copper	ppm	<b>&lt;1</b>	2	3	2
Lead	ppm	<b>0</b>	1	1	1
Tin	ppm	<b>0</b>	<1	0	0
Aluminum	ppm	<b>0</b>	2	0	0
Chromium	ppm	<b>1</b>	2	2	<1
Molybdenum	ppm	<b>0</b>	<1	0	0
Nickel	ppm	<b>0</b>	0	0	0
Titanium	ppm	<b>0</b>	<1	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>0</b>	0	0	0
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>116</b>	119	44	49
Magnesium	ppm	<b>3</b>	8	0	0
Zinc	ppm	<b>410</b>	430	412	433
Phosphorus	ppm	<b>332</b>	320	327	325
Barium	ppm	<b>0</b>	0	0	<1
Boron	ppm	<b>0</b>	0	0	0

**Depot:** VOLVO0096  
**Unique No:** 11009029  
**Signed:** Wes Davis  
**Report Date:** 06 May 2024

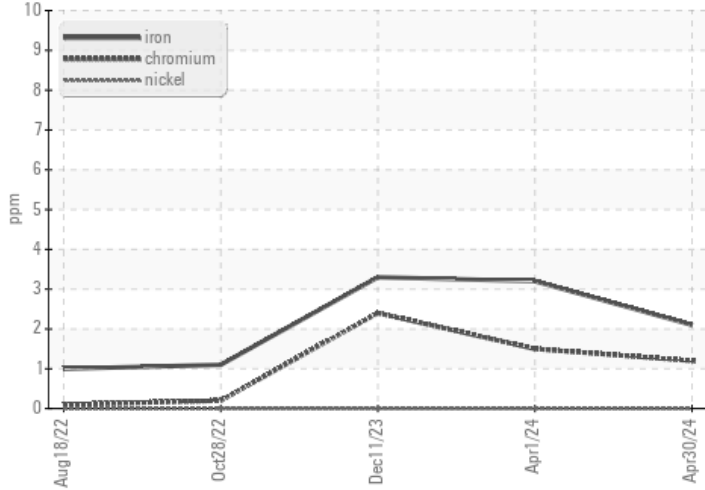


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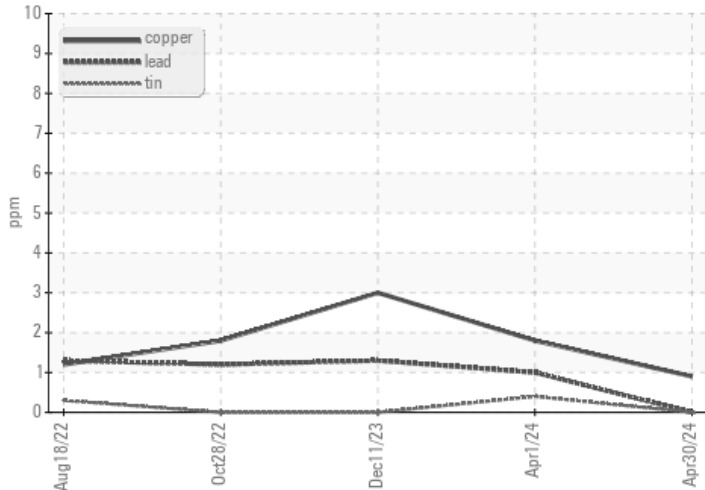


## VOLVO GRAPHS

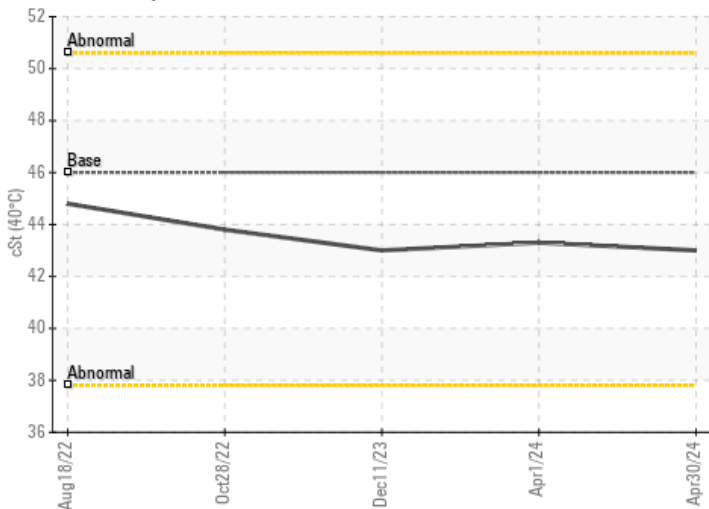
### Ferrous Alloys



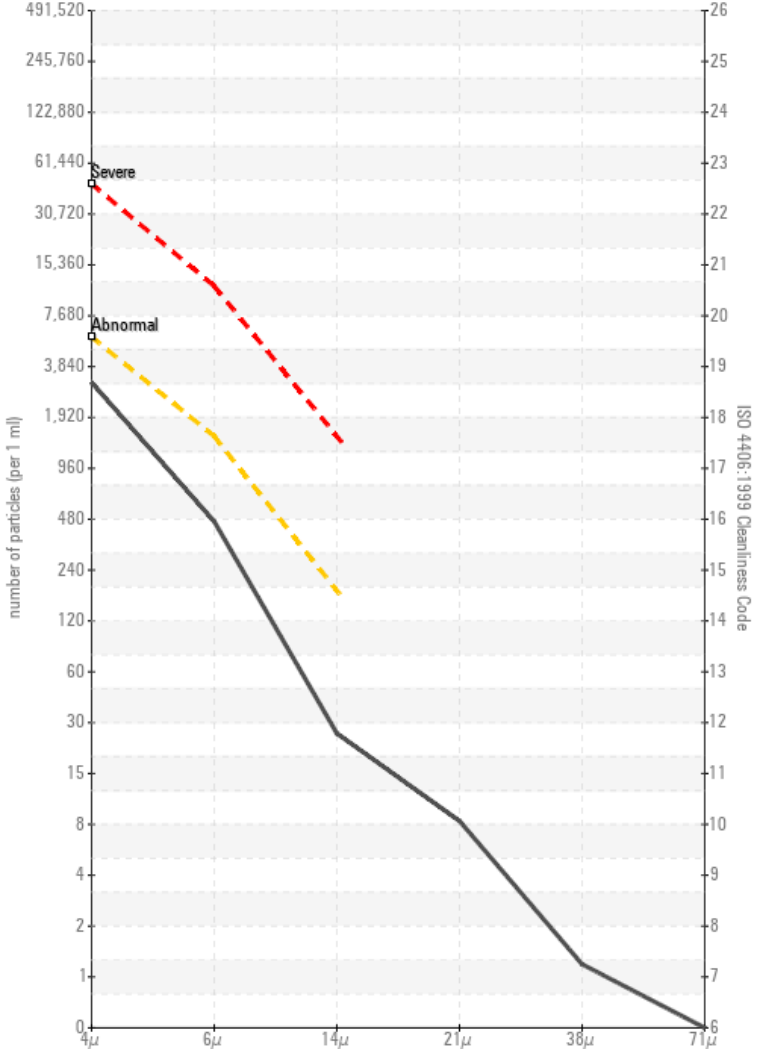
### Non-ferrous Metals



### Viscosity @ 40°C



### Particle Count



### Acid Number

