



CONSTRUCTION EQUIPMENT

407438 VOLVO L150H 6828 - HYDRAULIC SYSTEM



Sample No: VCP394763
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 407438



SAMPLE INFORMATION

Sample Number	VCP394763	VCP297533	---	---
Sample Date	07 Jun 2024	24 Jun 2021	---	---
Machine Hours	9999	3945	---	---
Oil Hours	2000	0	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

Strongco Equipment

5179 Fountain St N.
 Breslau, ON
 CA N0B 1M0
 Contact: Matt Crisci
 mcrisci@strongco.com
 T: (519)744-3518
 F: (519)744-3284



OIL CONDITION

Visc @ 40°C	cSt	38.2	35.7	---	---
-------------	-----	-------------	------	-----	-----



CONTAMINATION

Water	%	NEG	NEG	---	---
Particles >4µm		1214	2531	---	---
Particles >6µm		347	635	---	---
Particles >14µm		28	46	---	---
ISO 4406:1999 (c)		17/16/12	19/16/13	---	---
Silicon	ppm	2	3	---	---
Sodium	ppm	4	6	---	---
Potassium	ppm	<1	2	---	---

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 condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	4	5	---	---
Copper	ppm	1	5	---	---
Lead	ppm	<1	2	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	1	1	---	---
Chromium	ppm	1	2	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	0	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	64	59	---	---
Magnesium	ppm	4	3	---	---
Zinc	ppm	420	429	---	---
Phosphorus	ppm	336	333	---	---
Barium	ppm	0	<1	---	---
Boron	ppm	1	1	---	---

Depot: CASKIT
Unique No: 5801307
Signed: Wes Davis
Report Date: 25 Jun 2024

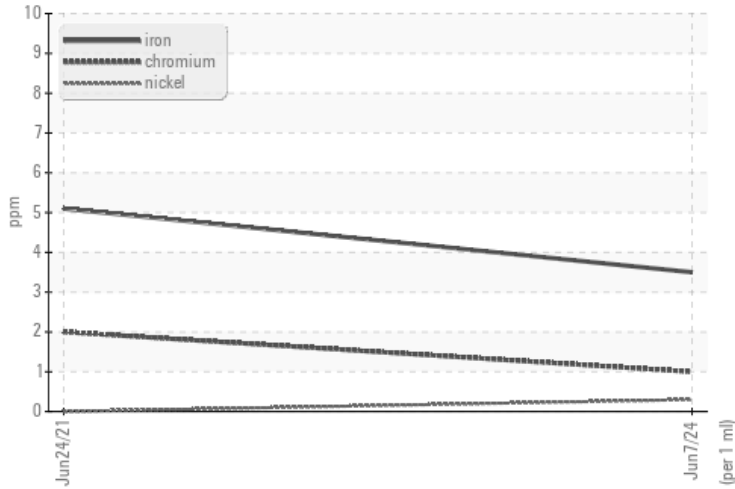


CONSTRUCTION EQUIPMENT

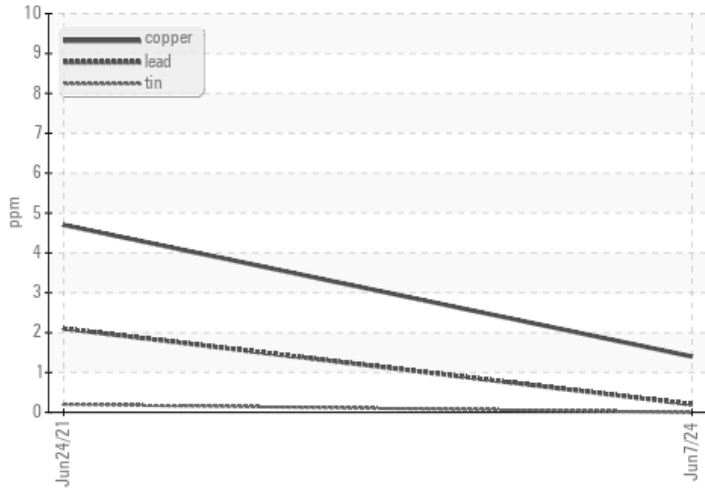


GRAPHS

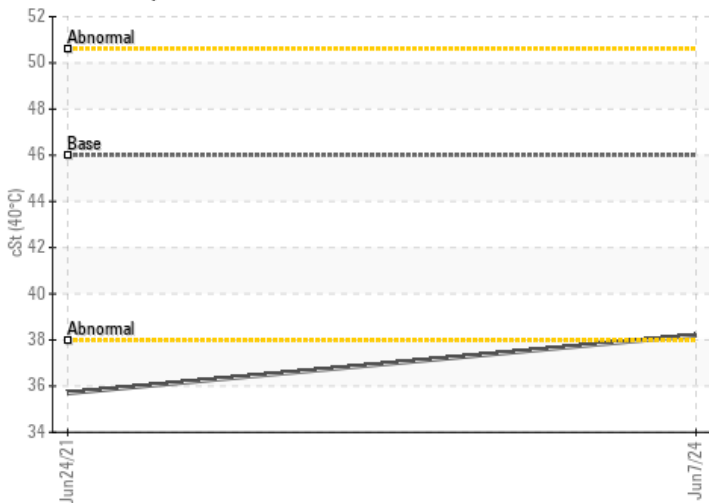
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

