



CONSTRUCTION EQUIPMENT

578311 VOLVO L150H 7068 - HYDRAULIC SYSTEM



Sample No: VCP430337
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 578311



SAMPLE INFORMATION

Sample Number	VCP430337	VCP367660	VCP365476	---
Sample Date	10 Jun 2024	31 Oct 2022	15 Aug 2022	---
Machine Hours	3722	1238	712	---
Oil Hours	0	0	0	---
Oil Changed	N/A	Not Changd	N/A	---
Sample Status	ABNORMAL	NORMAL	ABNORMAL	---

CALLANAN
 RT 32 677 FLATBUSH RD
 EAST KINGSTON, NY
 US 12401
 Contact:



OIL CONDITION

Visc @ 40°C	cSt	41.6	42.9	43.2	---
Acid Number (AN)	mg KOH/g	0.25	0.30	0.33	---

T:
F:



CONTAMINATION

Water	%	NEG	NEG	NEG	---
Particles >4µm		14039	4449	11064	---
Particles >6µm		3582	530	2154	---
Particles >14µm		150	21	164	---
ISO 4406:1999 (c)		21/19/14	19/16/12	21/18/15	---
Silicon	ppm	3	2	2	---
Sodium	ppm	2	<1	2	---
Potassium	ppm	<1	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	2	1	---
Copper	ppm	2	1	1	---
Lead	ppm	<1	<1	<1	---
Tin	ppm	0	0	<1	---
Aluminum	ppm	1	<1	<1	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	0	0	0	---
Titanium	ppm	<1	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	0	0	0	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	45	51	52	---
Magnesium	ppm	0	0	<1	---
Zinc	ppm	414	436	429	---
Phosphorus	ppm	318	348	334	---
Barium	ppm	0	0	0	---
Boron	ppm	0	0	1	---

Depot: CALEAS
Unique No: 11076119
Signed: Wes Davis
Report Date: 14 Jun 2024

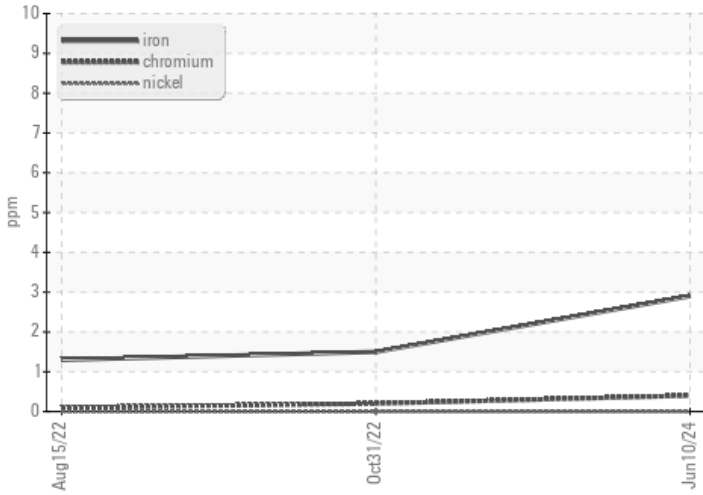


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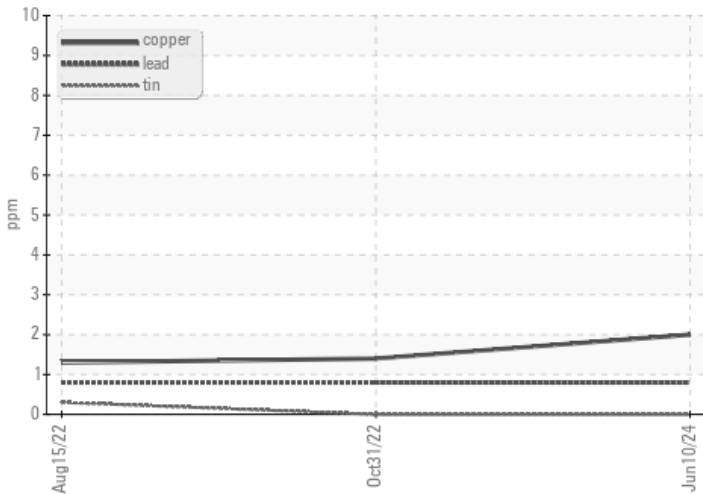


GRAPHS

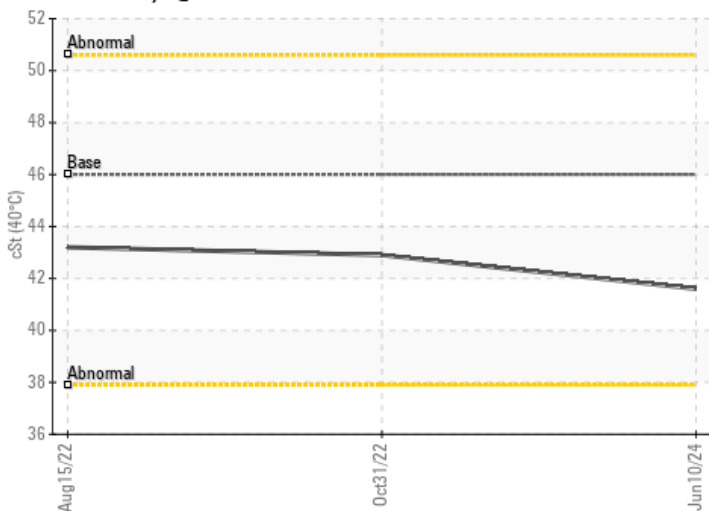
Ferrous Alloys



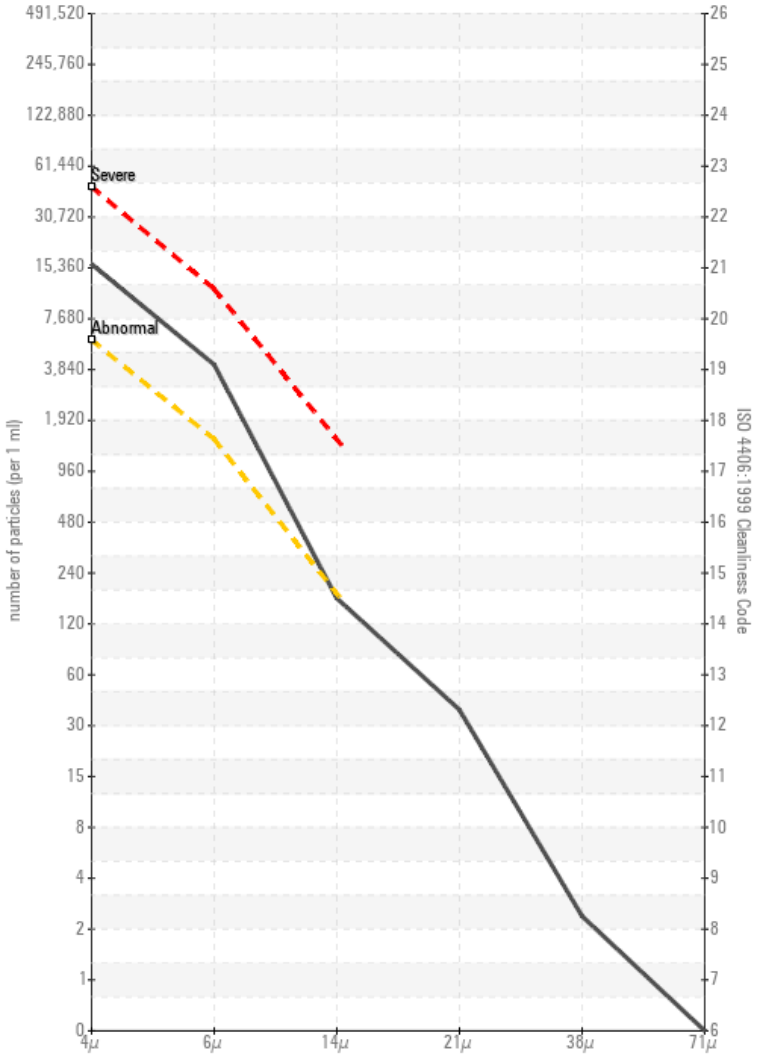
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

