



CONSTRUCTION EQUIPMENT

13418 INASHCO VOLVO L150H 6177 - HYDRAULIC SYSTEM



Sample No: VCP415417
Oil Type: SHELL HYD
Job No: 13418 INASHCO



SAMPLE INFORMATION

Sample Number	VCP415417	---	---	---
Sample Date	12 Sep 2023	---	---	---
Machine Hours	8000	---	---	---
Oil Hours	4000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

McClung-Logan Virginia LLC- RICHMOND
1345 MOUNTAIN ROAD
GLEN ALLEN, VA
US 23060
Contact: KYLE RATLIFFE
KRATLIFFE@MCCLUNG-LOGAN.COM
T:
F: (804)266-1611



OIL CONDITION

Visc @ 40°C	cSt	█ 42.0	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.32	---	---	---



CONTAMINATION

Particles >4µm		█ 4095	---	---	---
Particles >6µm		█ 159	---	---	---
Particles >14µm		█ 11	---	---	---
ISO 4406:1999 (c)		19/14/11	---	---	---
Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ <1	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



WEAR METALS

Iron	ppm	█ 4	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ 5	---	---	---
Molybdenum	ppm	91	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	110	---	---	---
Magnesium	ppm	10	---	---	---
Zinc	ppm	425	---	---	---
Phosphorus	ppm	299	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	3	---	---	---

Depot: VOLVO8882
Unique No: 10655152
Signed: Jonathan Hester
Report Date: 20 Sep 2023

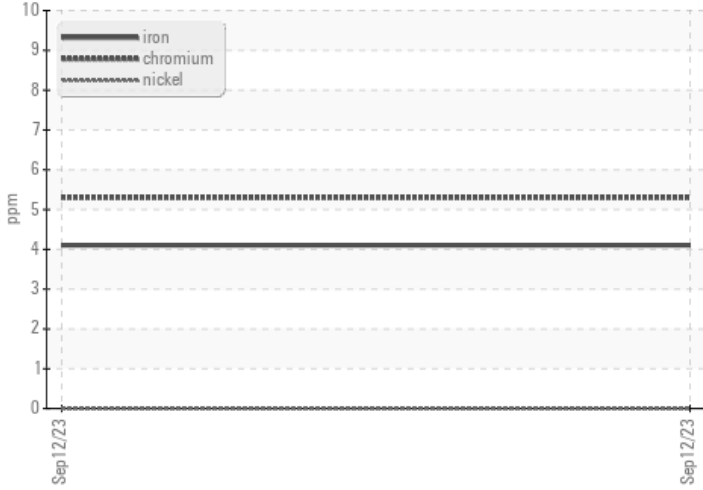


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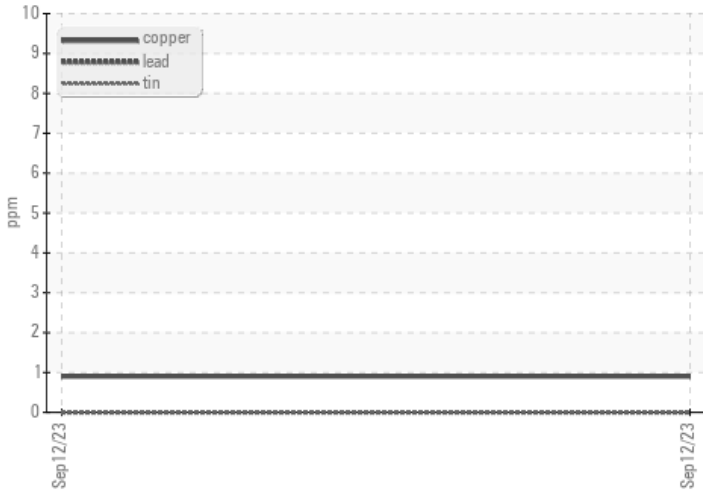


GRAPHS

Ferrous Alloys



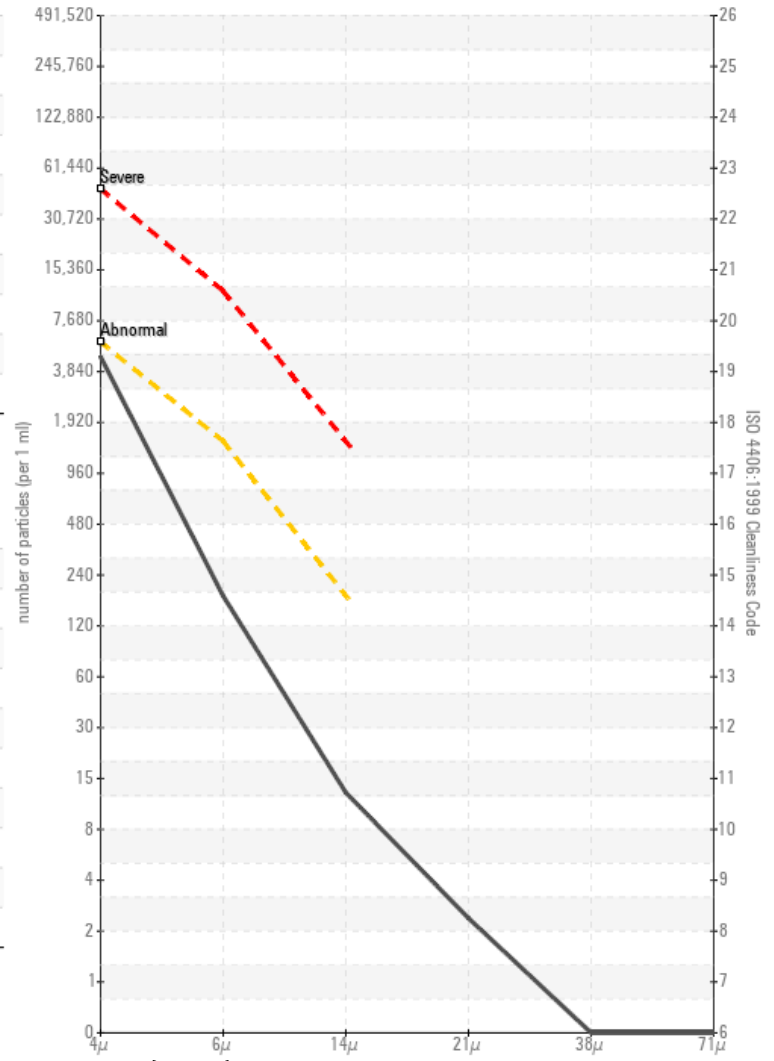
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

