



CONSTRUCTION EQUIPMENT

13396 JAMES MATTHEWS VOLVO L180H 4498 - HYDRAULIC SYSTEM



Sample No: VCP434797
Oil Type: NOT GIVEN
Job No: 13396 JAMES MATTHEWS



SAMPLE INFORMATION

Sample Number	VCP434797	---	---	---
Sample Date	06 Sep 2023	---	---	---
Machine Hours	7585	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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	█ 44.0	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.18	---	---	---



CONTAMINATION

Particles >4µm		▲ 16119	---	---	---
Particles >6µm		█ 102	---	---	---
Particles >14µm		█ 5	---	---	---
ISO 4406:1999 (c)		21/14/10	---	---	---
Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 2	---	---	---

Diagnosis

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. There is a high amount of silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



WEAR METALS

Iron	ppm	█ 15	---	---	---
Copper	ppm	█ 0	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	105	---	---	---
Magnesium	ppm	2	---	---	---
Zinc	ppm	38	---	---	---
Phosphorus	ppm	272	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	0	---	---	---

Depot: VOLVO8882
Unique No: 10642428
Signed: Don Baldrige
Report Date: 12 Sep 2023

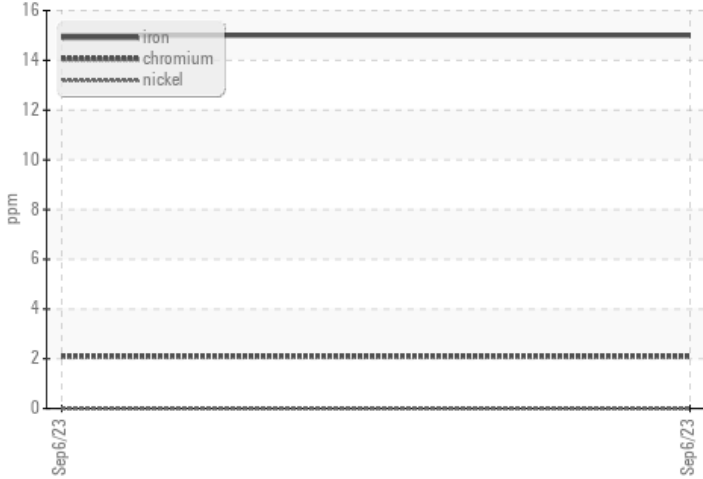


CONSTRUCTION EQUIPMENT

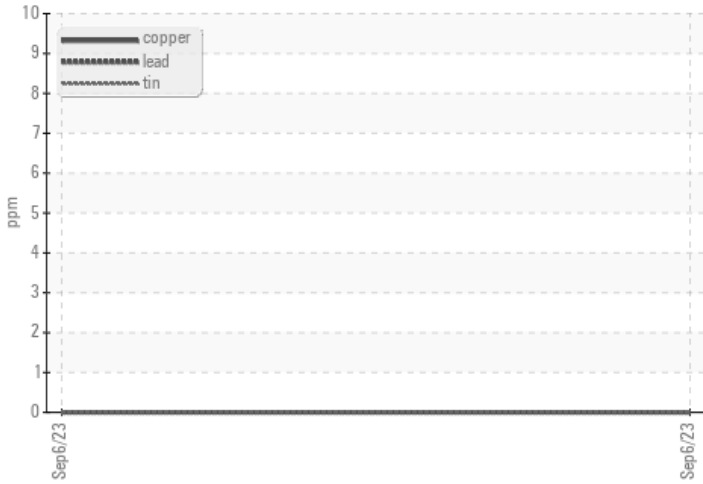


VOLVO GRAPHS

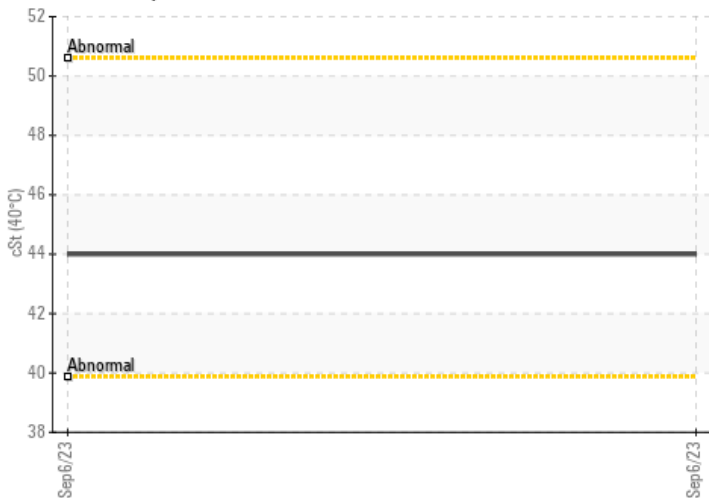
Ferrous Alloys



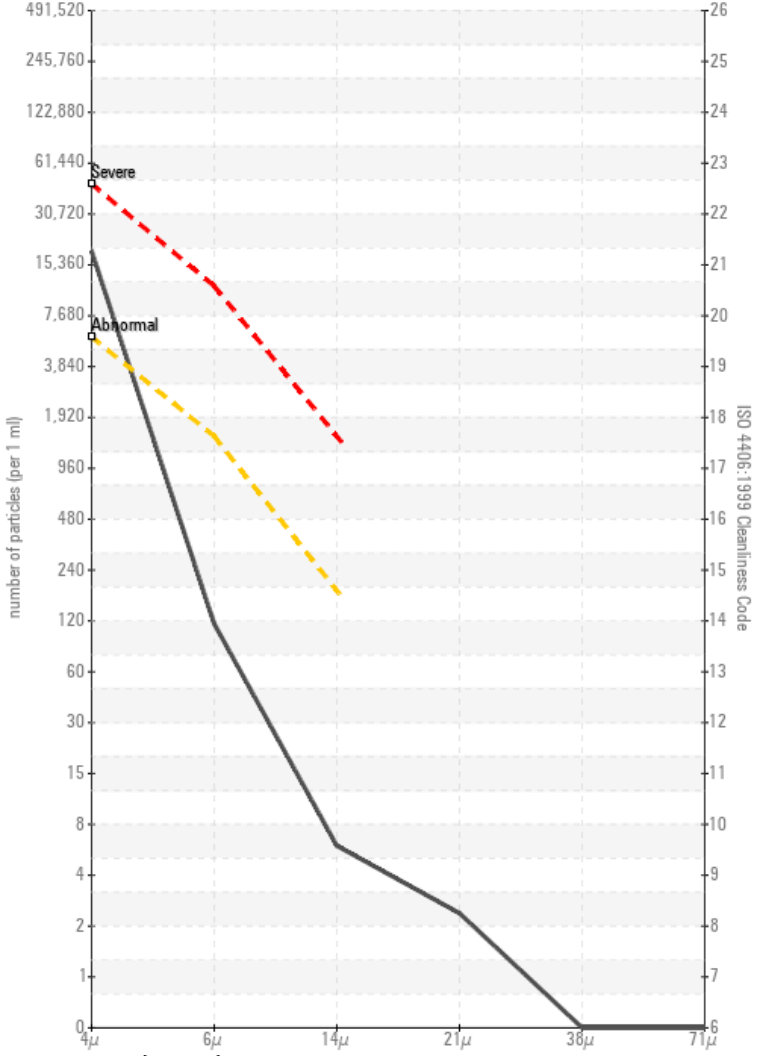
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

