



CONSTRUCTION EQUIPMENT

VOLVO L70H 624659 - HYDRAULIC SYSTEM



Sample No: VCP433525
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No:



SAMPLE INFORMATION

Sample Number	VCP433525	---	---	---
Sample Date	19 Oct 2023	---	---	---
Machine Hours	2477	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---

ALTA EQUIPMENT COMPANY
 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
 Contact: TODD LARK
 tlark@altaequipfl.com
 T:
 F: (239)481-3302



OIL CONDITION

Visc @ 40°C	cSt	■ 52.7	---	---	---
Acid Number (AN)	mg KOH/g	■ 0.32	---	---	---



CONTAMINATION

Particles >4µm		▲ 8045	---	---	---
Particles >6µm		▲ 1669	---	---	---
Particles >14µm		▲ 202	---	---	---
ISO 4406:1999 (c)		20/18/15	---	---	---
Silicon	ppm	■ 3	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 1	---	---	---

Diagnosis

No corrective action is recommended at this time. The filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is a moderate amount of particulates 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	■ 2	---	---	---
Copper	ppm	■ 3	---	---	---
Lead	ppm	■ 1	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 252	---	---	---
Magnesium	ppm	■ 6	---	---	---
Zinc	ppm	■ 540	---	---	---
Phosphorus	ppm	■ 400	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 4	---	---	---

Depot: VOLVO0090
Unique No: 10709070
Signed: Don Baldrige
Report Date: 25 Oct 2023

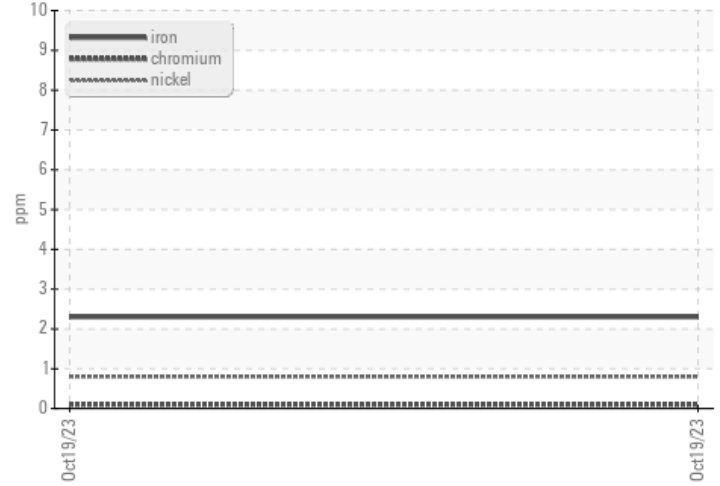


CONSTRUCTION EQUIPMENT

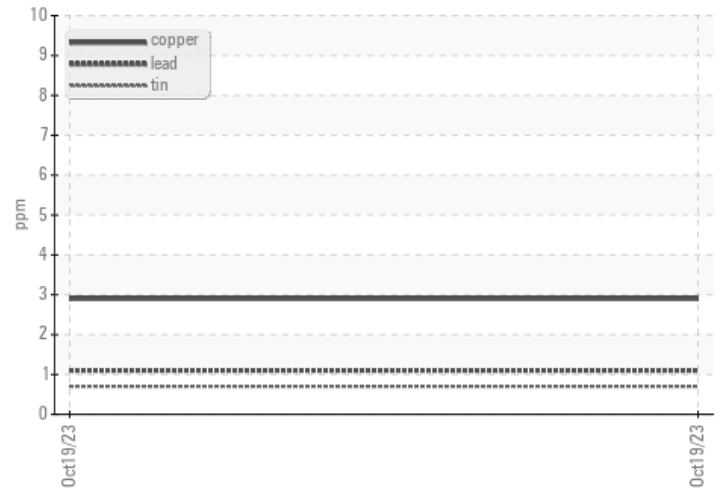


GRAPHS

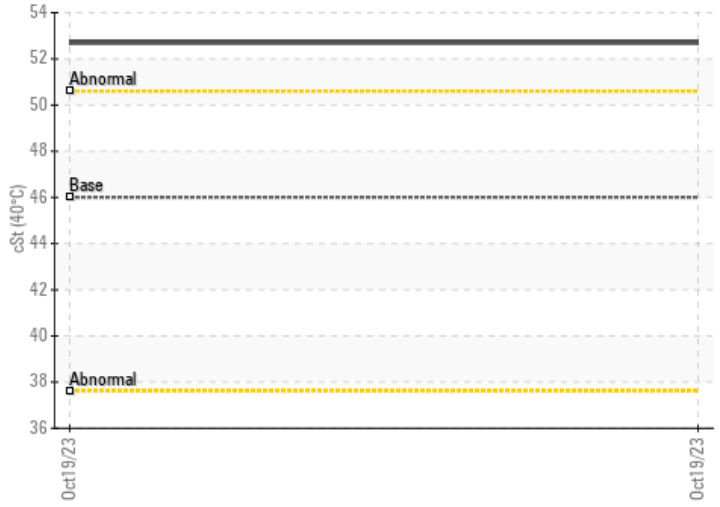
Ferrous Alloys



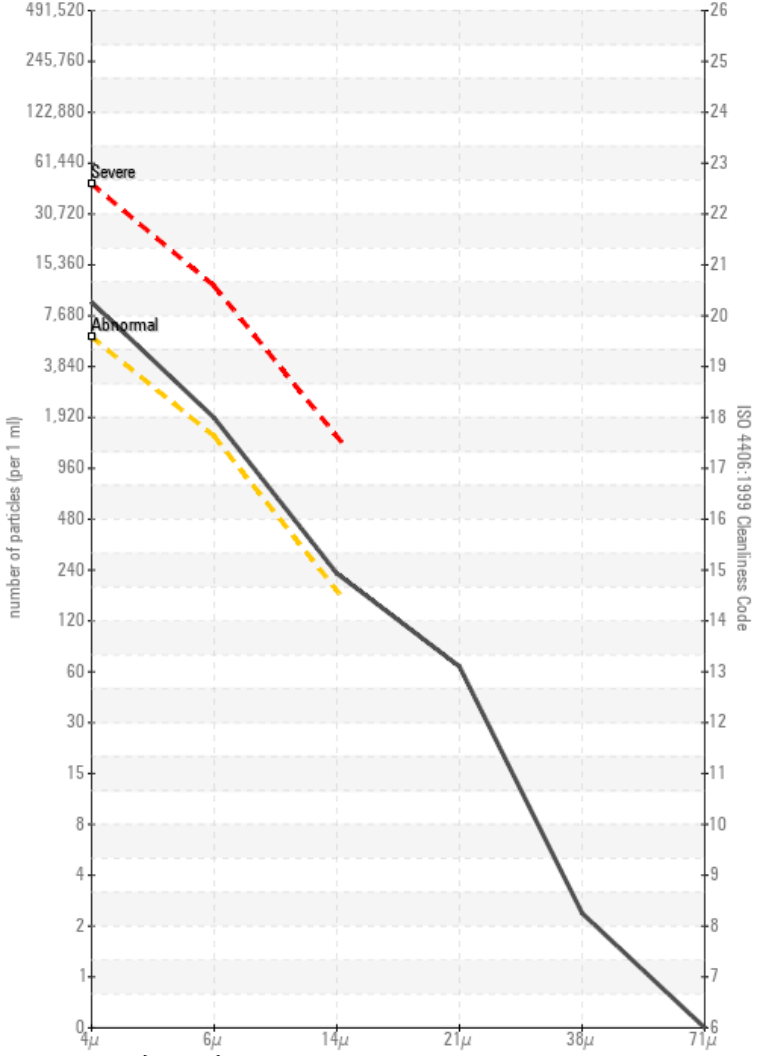
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

