



CONSTRUCTION EQUIPMENT

621980 VOLVO L90H 624448 - HYDRAULIC SYSTEM



Sample No: VCP430606
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 621980



SAMPLE INFORMATION

Sample Number	VCP430606	---	---	---
Sample Date	31 Oct 2023	---	---	---
Machine Hours	11390	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---

FORESTRY RESOURCES

4353 MICHIGAN LINK
 FORT MYERS, FL
 US 33916
 Contact: COREY MUELLER

OIL CONDITION

Visc @ 40°C	cSt	▲ 59.8	---	---	---
Acid Number (AN)	mg KOH/g	■ 0.48	---	---	---

T: (239)872-1856
 F:

CONTAMINATION

Particles >4µm		■ 4954	---	---	---
Particles >6µm		▲ 1346	---	---	---
Particles >14µm		▲ 236	---	---	---
ISO 4406:1999 (c)		19/18/15	---	---	---
Silicon	ppm	■ 2	---	---	---
Sodium	ppm	■ <1	---	---	---
Potassium	ppm	■ 0	---	---	---

Diagnosis

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 moderate amount of particulates present in the oil. The oil viscosity is higher than normal. Confirm oil type. The AN level is acceptable for this fluid.

WEAR METALS

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

ADDITIVES

Calcium	ppm	■ 889	---	---	---
Magnesium	ppm	■ 24	---	---	---
Zinc	ppm	■ 552	---	---	---
Phosphorus	ppm	■ 445	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 22	---	---	---

Depot: FORFOTFL
Unique No: 10726262
Signed: Don Baldrige
Report Date: 06 Nov 2023

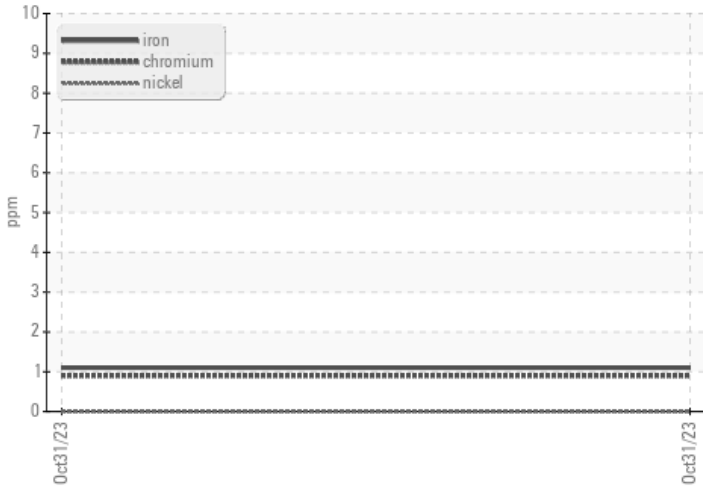


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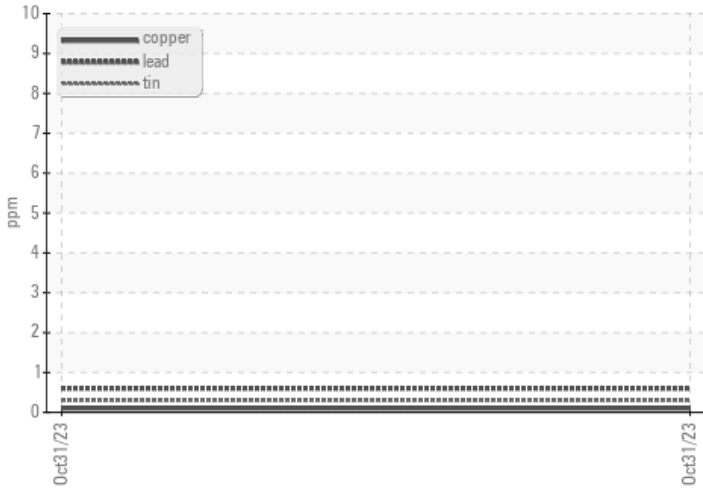


VOLVO GRAPHS

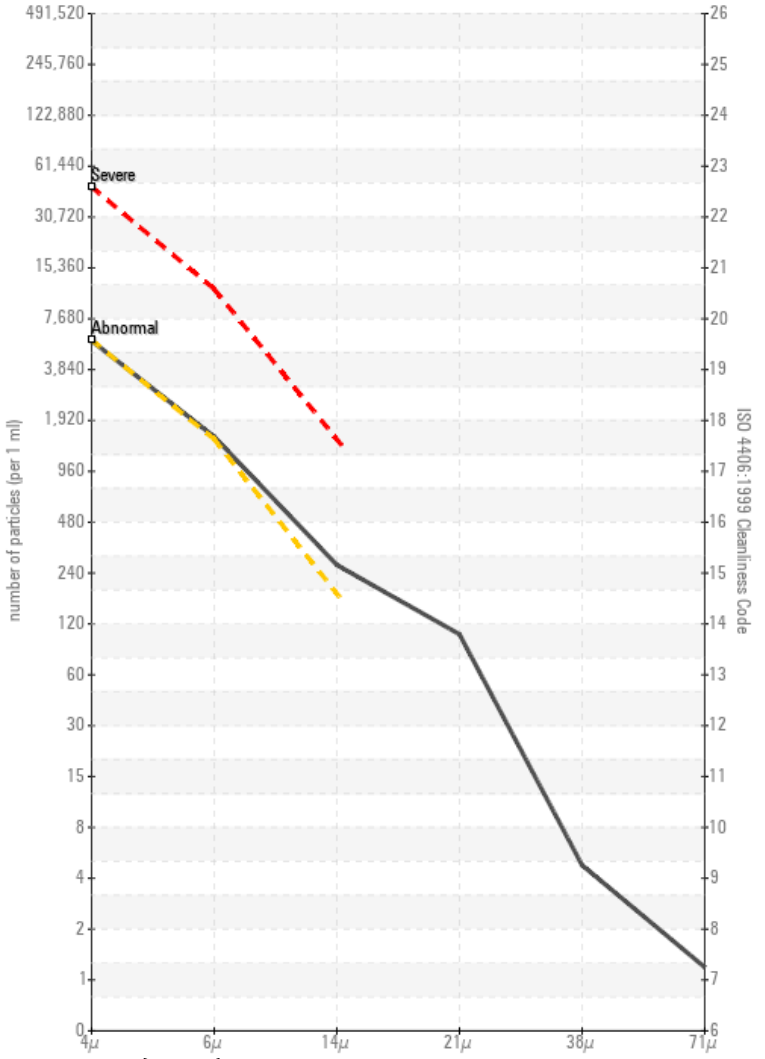
Ferrous Alloys



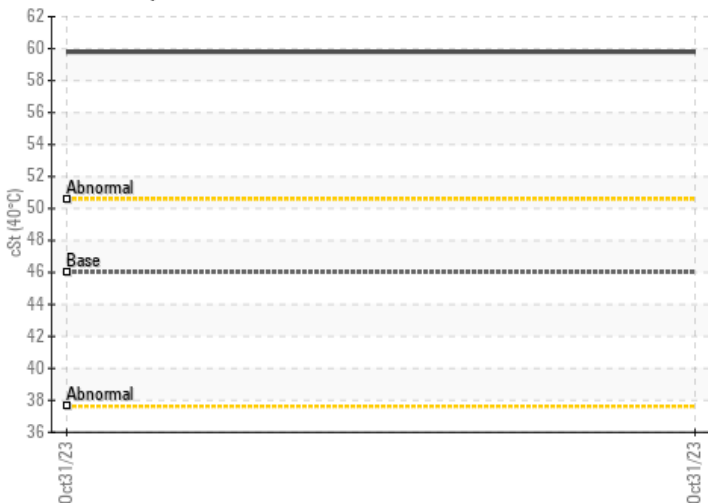
Non-ferrous Metals



Particle Count



Viscosity @ 40°C



Acid Number

