



CONSTRUCTION EQUIPMENT

SPM607496 VOLVO L90H 6245 18 - HYDRAULIC SYSTEM



Sample No: VCP402837
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: SPM607496



SAMPLE INFORMATION

Sample Number	VCP402837	---	---	---
Sample Date	22 Sep 2023	---	---	---
Machine Hours	13591	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

FORESTRY RESOURCES

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



OIL CONDITION

Visc @ 40°C	cSt	█ 47.5	---	---	---
Acid Number (AN)	mg KOH/g	█ 1.36	---	---	---

T: (239)872-1856
 F:



CONTAMINATION

Particles >4µm		▲ 13561	---	---	---
Particles >6µm		█ 397	---	---	---
Particles >14µm		█ 15	---	---	---
ISO 4406:1999 (c)		21/16/11	---	---	---
Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 5	---	---	---

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 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	█ 3	---	---	---
Copper	ppm	█ 12	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 3	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 2209	---	---	---
Magnesium	ppm	█ 16	---	---	---
Zinc	ppm	█ 1136	---	---	---
Phosphorus	ppm	█ 906	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

Depot: FORFOTFL
Unique No: 10701464
Signed: Don Baldrige
Report Date: 21 Oct 2023

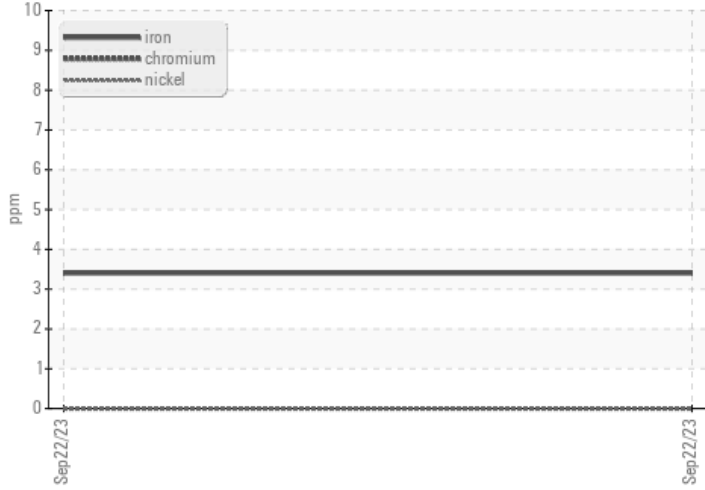


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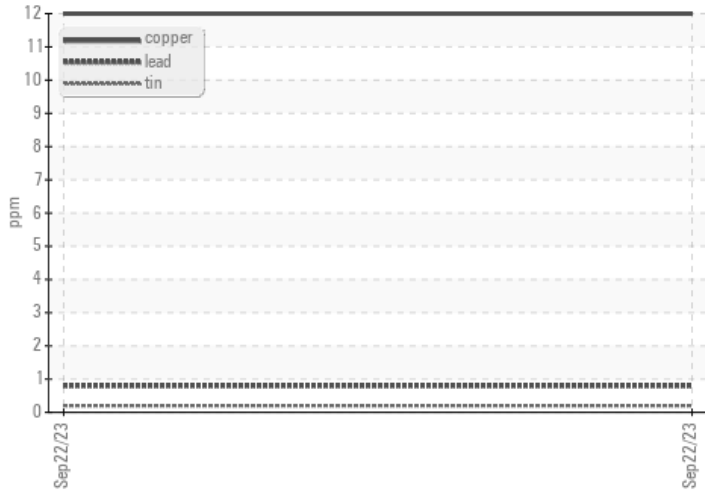


VOLVO GRAPHS

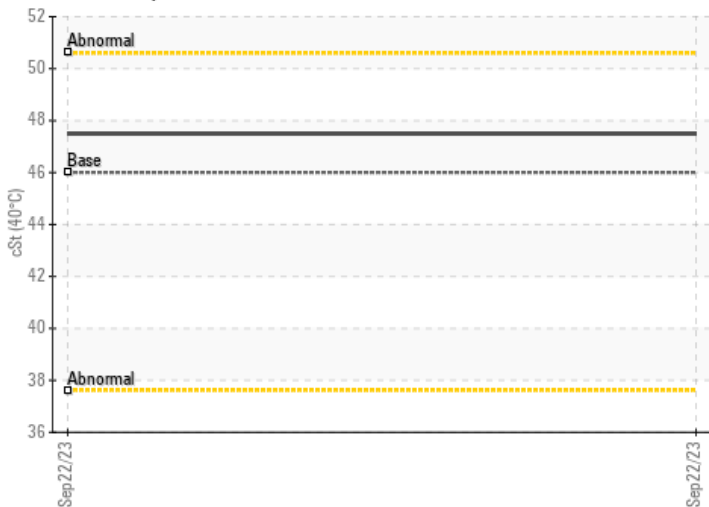
Ferrous Alloys



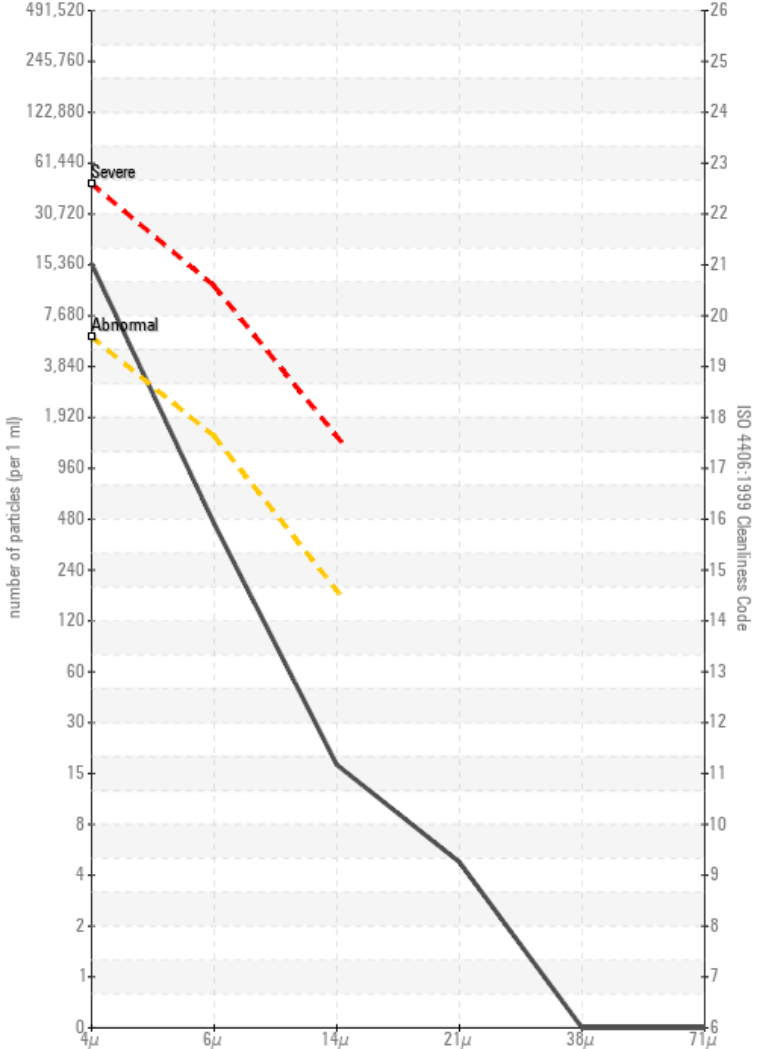
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

