



CONSTRUCTION EQUIPMENT

HASLAM PONSSE A120392 - HYDRAULIC SYSTEM



Sample No: VCP406223

Oil Type: NOT GIVEN

Job No: HASLAM



SAMPLE INFORMATION

Sample Number	VCP406223	---	---	---
Sample Date	01 Sep 2023	---	---	---
Machine Hours	1839	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 42.1	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.36	---	---	---

CONTAMINATION

Particles >4µm		█ 3635	---	---	---
Particles >6µm		█ 871	---	---	---
Particles >14µm		█ 36	---	---	---
ISO 4406:1999 (c)		19/17/12	---	---	---
Silicon	ppm	█ 2	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 0	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. The amount and size of particulates present in the system are acceptable. There is no indication of any contamination 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	█ 8	---	---	---
Copper	ppm	█ 4	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	48	---	---	---
Magnesium	ppm	0	---	---	---
Zinc	ppm	465	---	---	---
Phosphorus	ppm	369	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	0	---	---	---

Depot: VOLVO0007
Unique No: 10644930
Signed: Don Baldrige
Report Date: 14 Sep 2023

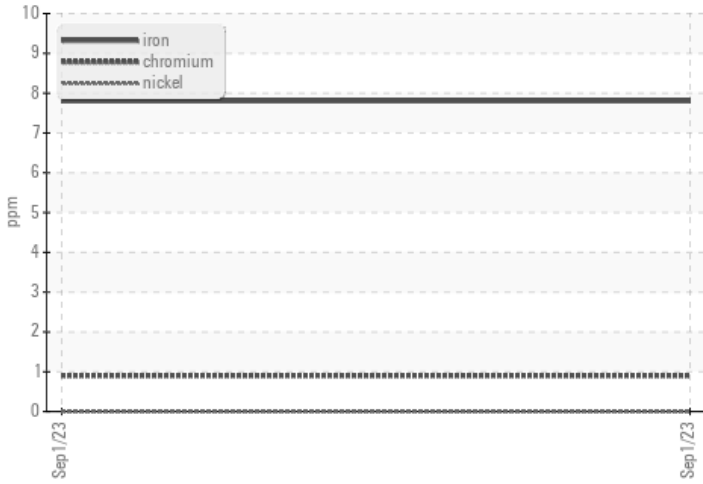


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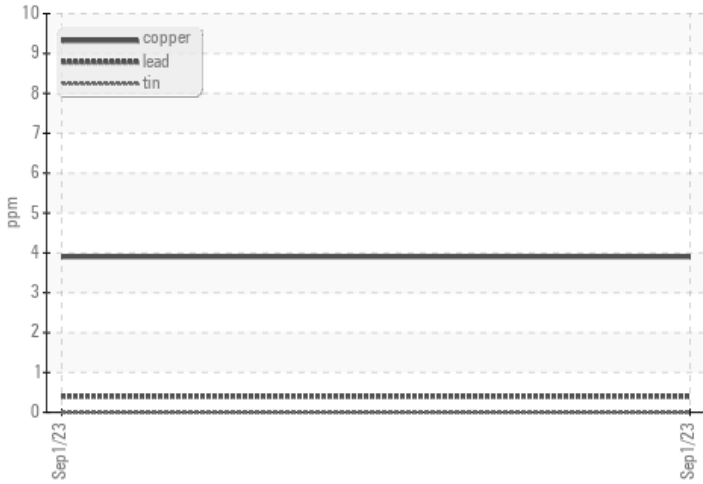


VOLVO GRAPHS

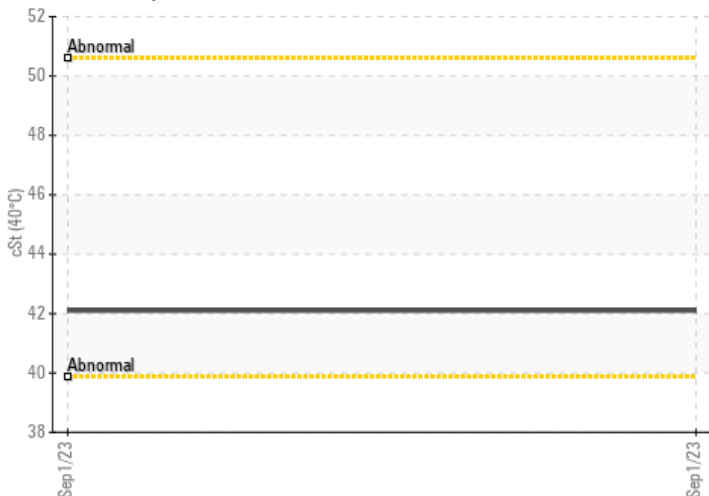
Ferrous Alloys



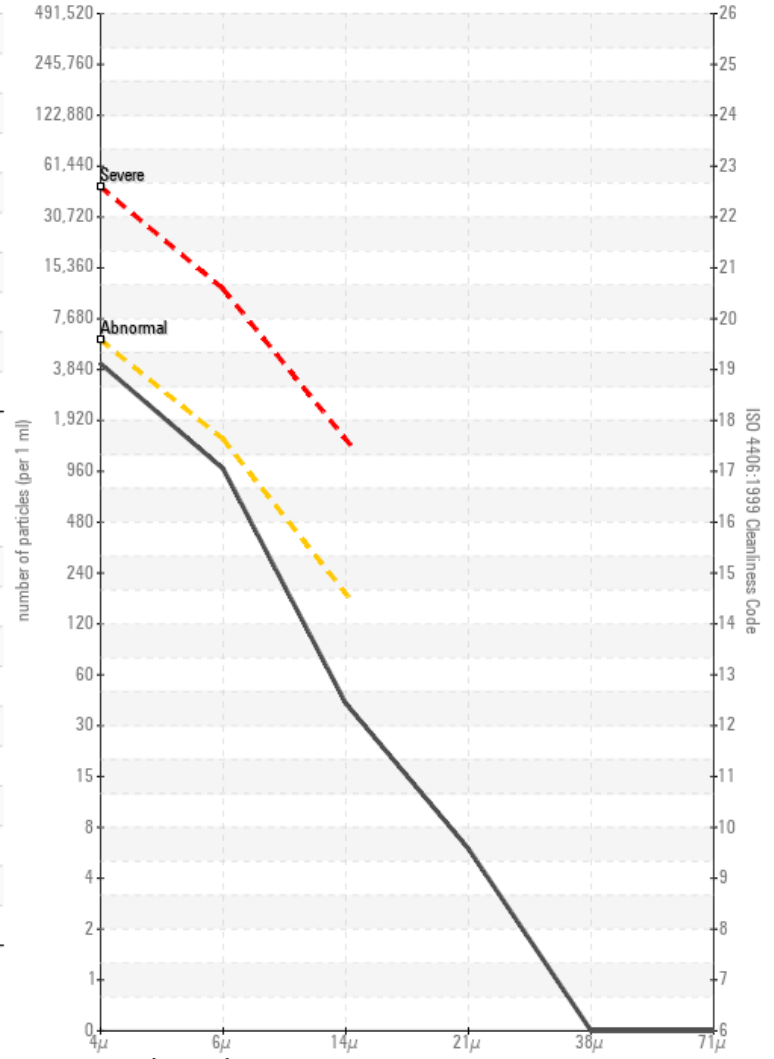
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

