



CONSTRUCTION EQUIPMENT

HYSTER 15045 - HYDRAULIC SYSTEM



Sample No: VCP406278
Oil Type: NOT GIVEN
Job No:



SAMPLE INFORMATION

Sample Number	VCP406278	---	---	---
Sample Date	15 Aug 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	■ 47.4	---	---	---
Acid Number (AN)	mg KOH/g	■ 0.47	---	---	---



CONTAMINATION

Water	%	▲ 0.142	---	---	---
Particles >4µm		▲ 20327	---	---	---
Particles >6µm		▲ 2530	---	---	---
Particles >14µm		■ 20	---	---	---
ISO 4406:1999 (c)		22/19/11	---	---	---
Silicon	ppm	■ 2	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ 1	---	---	---

Diagnosis

We recommend you service the filters on this component. 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. Appearance is hazy. There is a light concentration of water 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	■ <1	---	---	---
Copper	ppm	■ <1	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 0	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	28	---	---	---
Magnesium	ppm	63	---	---	---
Zinc	ppm	346	---	---	---
Phosphorus	ppm	271	---	---	---
Barium	ppm	1	---	---	---
Boron	ppm	0	---	---	---

Depot: VOLVO0077
Unique No: 10606005
Signed: Don Baldrige
Report Date: 21 Aug 2023

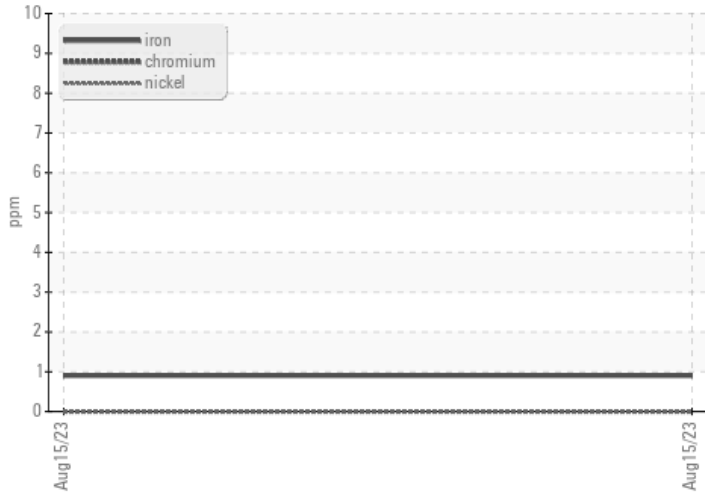


CONSTRUCTION EQUIPMENT

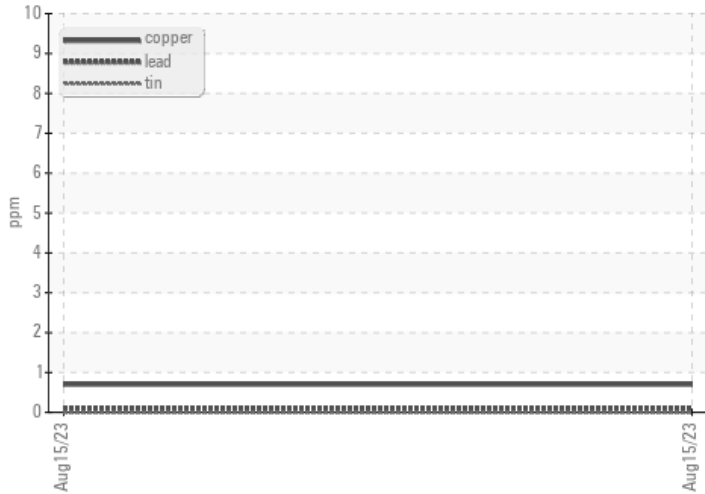


GRAPHS

Ferrous Alloys



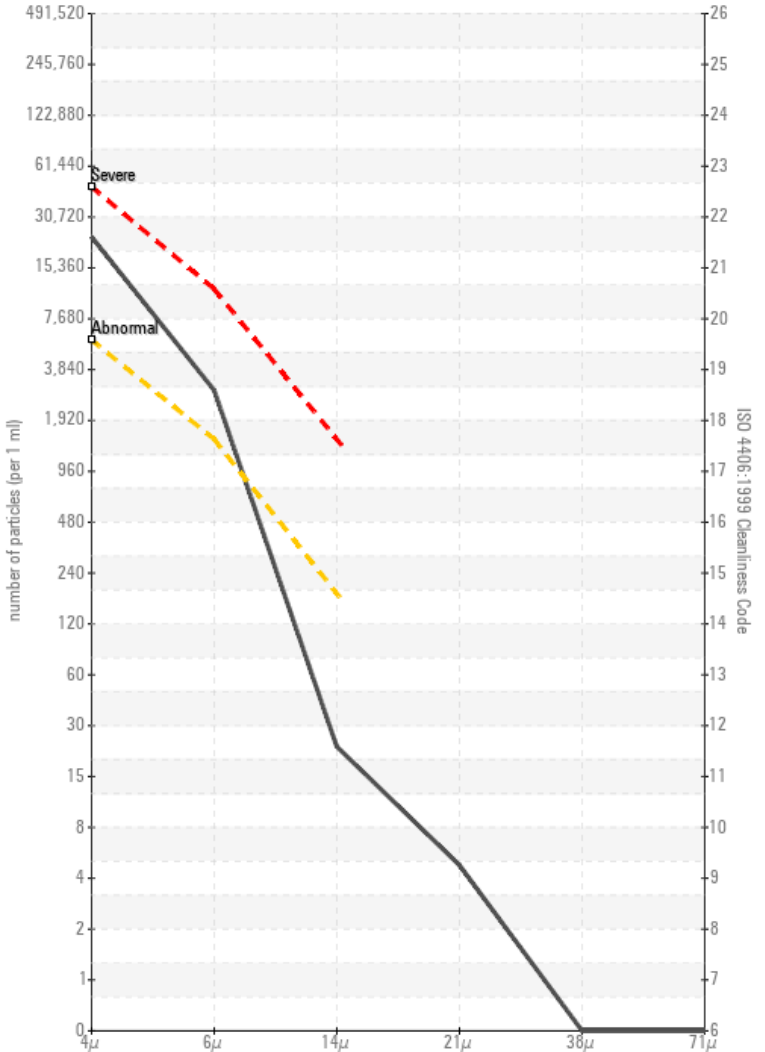
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

