



CONSTRUCTION EQUIPMENT

HASLAM PONSSE A011052 - HYDRAULIC SYSTEM



Sample No: VCP429621

Oil Type: NOT GIVEN

Job No: HASLAM



SAMPLE INFORMATION

Sample Number	VCP429621	VCP424110	---	---
Sample Date	20 Nov 2023	20 Nov 2023	---	---
Machine Hours	0	0	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	N/A	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	40.3	▲ 102	---	---
Acid Number (AN)	mg KOH/g	0.44	■ 1.87	---	---

CONTAMINATION

Water	%	NEG	NEG	---	---
Particles >4µm		---	▲ 150518	---	---
Particles >6µm		---	▲ 79610	---	---
Particles >14µm		---	▲ 2271	---	---
ISO 4406:1999 (c)		---	24/23/18	---	---
Silicon	ppm	■ <1	■ 4	---	---
Sodium	ppm	■ <1	■ <1	---	---
Potassium	ppm	■ 0	■ 0	---	---

Diagnosis

We recommend you service the filters on this component. Resample at the next service interval to monitor. We were unable to perform a particle count due to a high concentration of particles present in this sample. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The AN level is acceptable for this fluid. The condition of the oils additive package is suitable for further service.

WEAR METALS

Iron	ppm	■ 5	▲ 48	---	---
Copper	ppm	■ 4	■ 6	---	---
Lead	ppm	■ 0	■ 0	---	---
Tin	ppm	■ 0	■ <1	---	---
Aluminum	ppm	■ 0	■ 0	---	---
Chromium	ppm	■ <1	■ 1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	■ 0	■ 0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	1	---	---
Vanadium	ppm	<1	<1	---	---

ADDITIVES

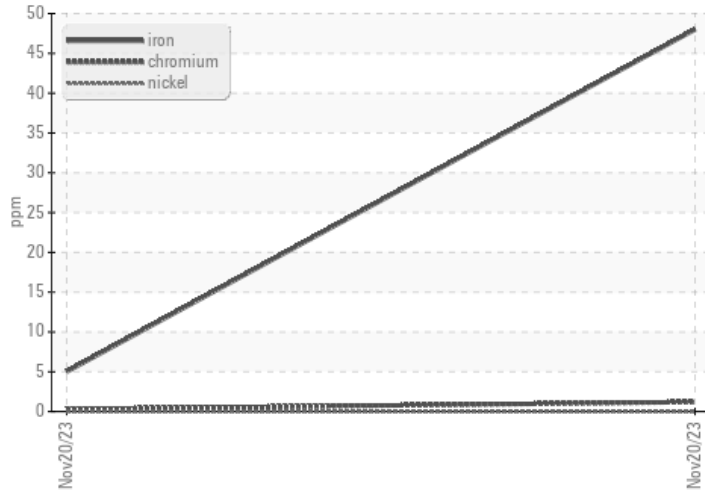
Calcium	ppm	35	7	---	---
Magnesium	ppm	0	51	---	---
Zinc	ppm	416	▲ 11	---	---
Phosphorus	ppm	321	▲ 1204	---	---
Barium	ppm	0	0	---	---
Boron	ppm	6	▲ 385	---	---

Depot: VOLVO0007
Unique No: 10751461
Signed: Doug Bogart
Report Date: 07 Dec 2023

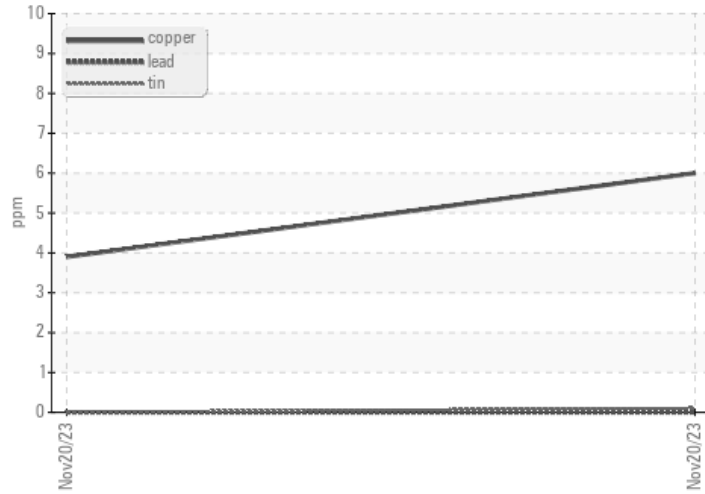


GRAPHS

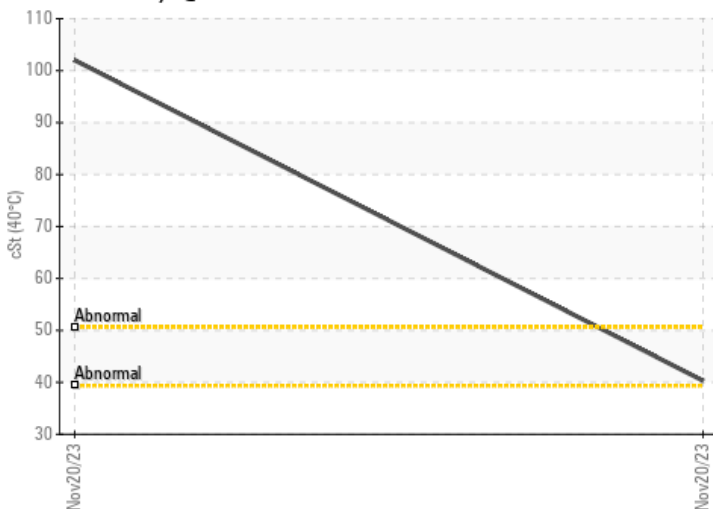
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Acid Number

