



CONSTRUCTION EQUIPMENT

8-383061 NATIONAL NBT40-2 303 140 - HYDRAULIC SYSTEM



Sample No: VCP392800
Oil Type: TDH FLUID SAE 75W80
Job No: 8-383061



SAMPLE INFORMATION

Sample Number	VCP392800	---	---	---
Sample Date	17 Nov 2023	---	---	---
Machine Hours	10	---	---	---
Oil Hours	10	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---

STRONGCO EQUIPMENT INC.
72 CHEMIN DU TREMBLAY
BOUCHERVILLE, QC
CA J4B 6Z6
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OIL CONDITION

Visc @ 40°C	cSt	■ 54.7	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		● 8562	---	---	---
Particles >6µm		■ 630	---	---	---
Particles >14µm		■ 39	---	---	---
ISO 4406:1999 (c)		20/16/12	---	---	---
Silicon	ppm	■ 12	---	---	---
Sodium	ppm	■ 1	---	---	---
Potassium	ppm	■ 0	---	---	---

Diagnosis

We recommend you service the filters on this component. Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) TDH FLUID SAE 75W80. Please confirm.
All component wear rates are normal. There is a light amount of silt (particulates < 14 microns in size) present in the oil. The condition of the oil is acceptable for the time in service.

WEAR METALS

Iron	ppm	■ 2	---	---	---
Copper	ppm	■ 1	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 1	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	■ 0	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 3037	---	---	---
Magnesium	ppm	■ 16	---	---	---
Zinc	ppm	■ 1249	---	---	---
Phosphorus	ppm	■ 1016	---	---	---
Barium	ppm	■ 1	---	---	---
Boron	ppm	■ 87	---	---	---

Depot: SHEBOU
Unique No: 5682653
Signed: Wes Davis
Report Date: 21 Nov 2023

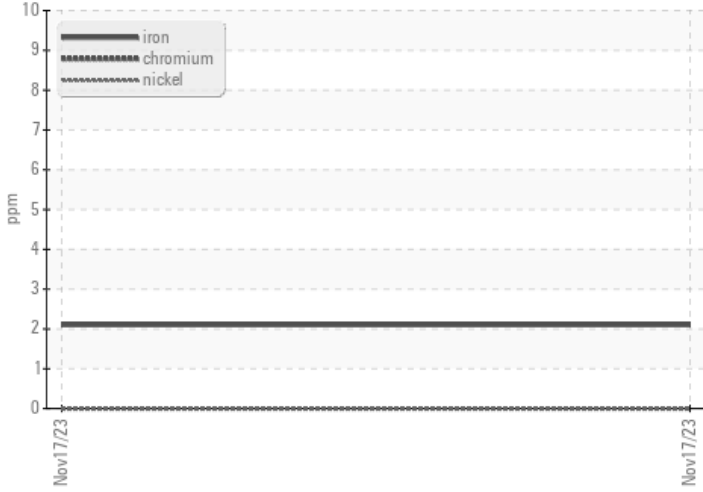


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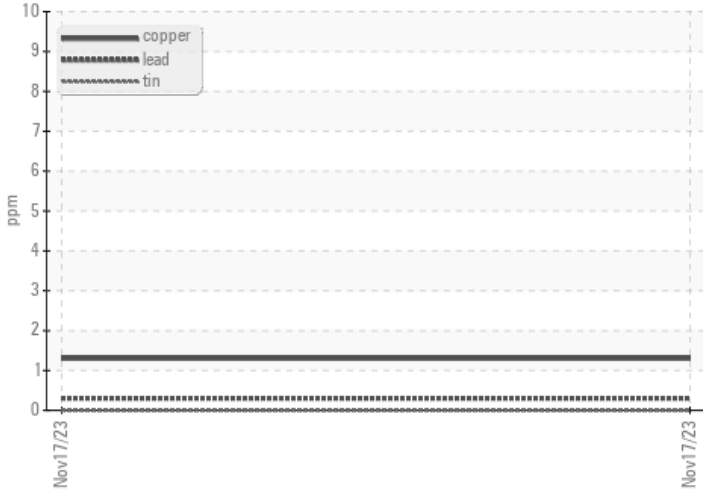


VOLVO GRAPHS

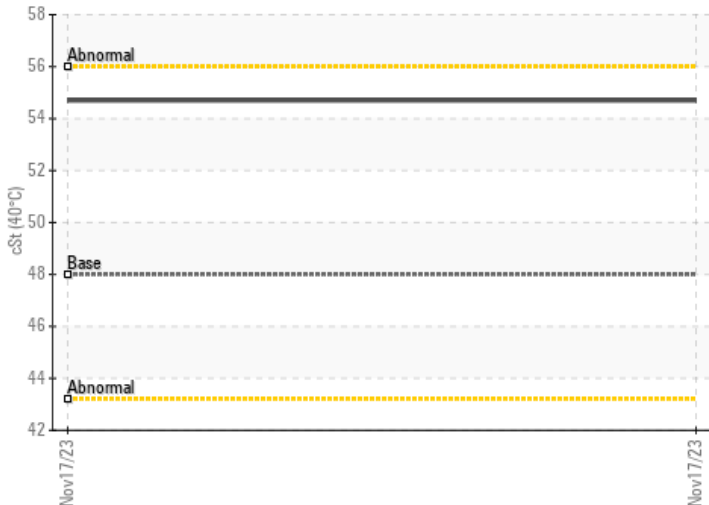
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

