



CONSTRUCTION EQUIPMENT

SPM568445 CROSSTOWN NEW HOLLAND C345 NMM408525 - HYDRAULIC SYSTEM



Sample No: VCP404780
Oil Type: DIESEL ENGINE OIL SAE 10W30
Job No: SPM568445 CROSSTOWN



SAMPLE INFORMATION

Sample Number	VCP404780	---	---	---
Sample Date	06 Jul 2023	---	---	---
Machine Hours	479	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

ALTA EQUIPMENT CO - ORLAND PARK
 5000 INDUSTRIAL HWY
 GARY, IN
 US 46406
 Contact: DAVE ENG
 DAVE.ENG@ALTG.COM
 T: (312)350-2560
 F:



OIL CONDITION

Visc @ 40°C	cSt	█ 46.4	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.94	---	---	---



CONTAMINATION

Particles >4µm		▲ 59448	---	---	---
Particles >6µm		▲ 9330	---	---	---
Particles >14µm		█ 89	---	---	---
ISO 4406:1999 (c)		23/20/14	---	---	---
Silicon	ppm	█ 5	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 1	---	---	---

Diagnosis

The filter change at the time of sampling has been noted. 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	█ 8	---	---	---
Copper	ppm	█ 4	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 60	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 1166	---	---	---
Magnesium	ppm	█ 373	---	---	---
Zinc	ppm	█ 823	---	---	---
Phosphorus	ppm	█ 686	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 60	---	---	---

Depot: VOLVO8885
Unique No: 10560644
Signed: Jonathan Hester
Report Date: 18 Jul 2023

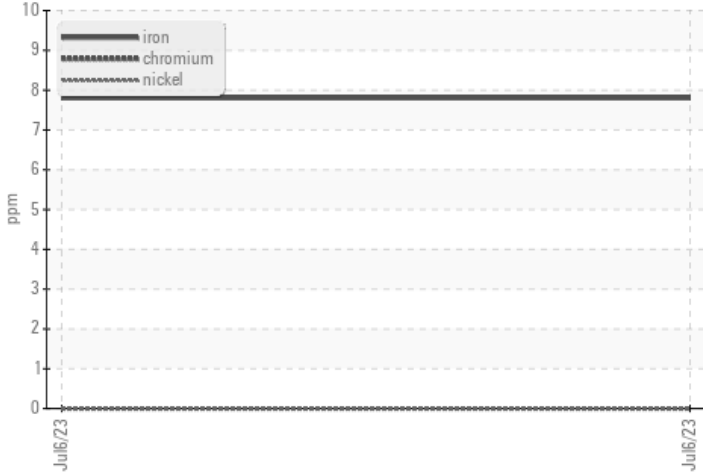


CONSTRUCTION EQUIPMENT

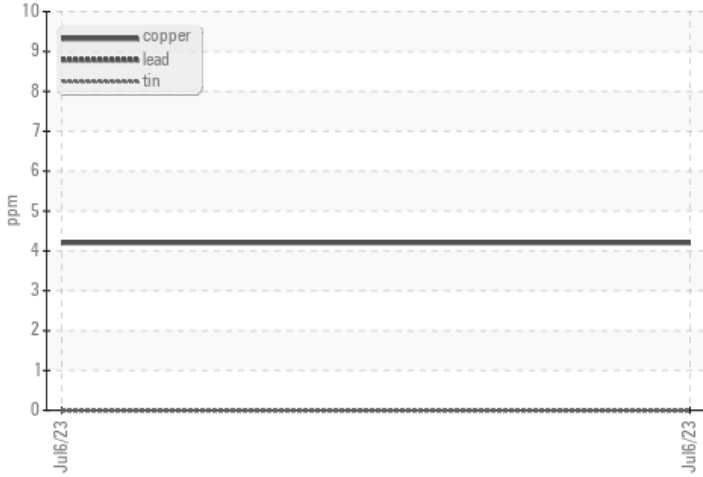


GRAPHS

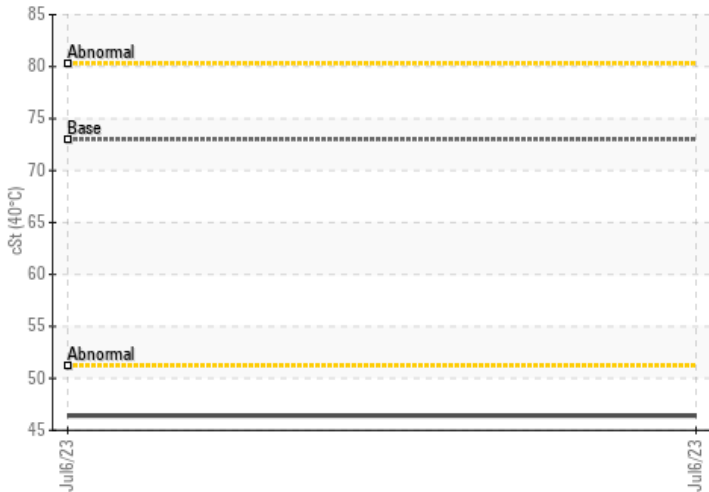
Ferrous Alloys



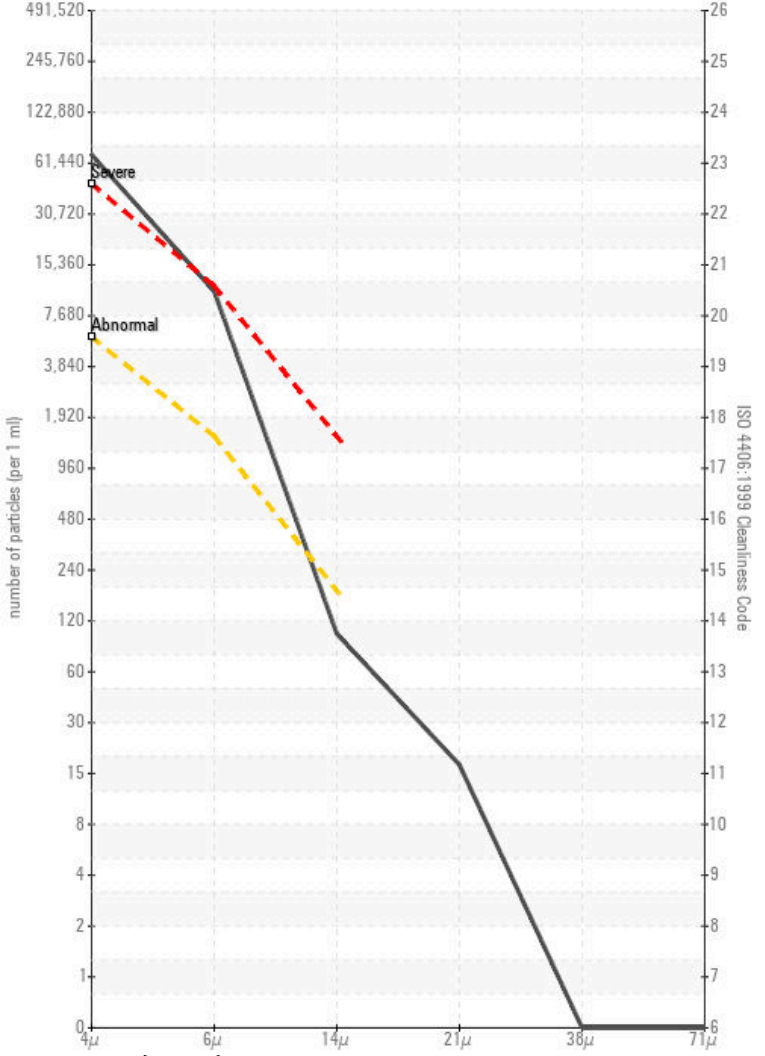
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

