



CONSTRUCTION EQUIPMENT

SPM567352 CROSSTOWN NEW HOLLAND C345 NNM414499 - HYDRAULIC SYSTEM



Sample No: VCP422534
Oil Type: DIESEL ENGINE OIL SAE 10W30
Job No: SPM567352 CROSSTOWN



SAMPLE INFORMATION

Sample Number	VCP422534	---	---	---
Sample Date	22 Jun 2023	---	---	---
Machine Hours	368	---	---	---
Oil Hours	0	---	---	---
Oil Changed	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	█ 117	---	---	---
Acid Number (AN)	mg KOH/g	█ 1.75	---	---	---



CONTAMINATION

Particles >4µm		▲ 46556	---	---	---
Particles >6µm		▲ 13256	---	---	---
Particles >14µm		▲ 338	---	---	---
ISO 4406:1999 (c)		23/21/16	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ <1	---	---	---

Diagnosis

Oil and 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 particulates 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	█ 0	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 54	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	█ <1	---	---	---



ADDITIVES

Calcium	ppm	█ 932	---	---	---
Magnesium	ppm	█ 876	---	---	---
Zinc	ppm	█ 1117	---	---	---
Phosphorus	ppm	█ 935	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

Depot: VOLVO8885
Unique No: 10548658
Signed: Jonathan Hester
Report Date: 12 Jul 2023

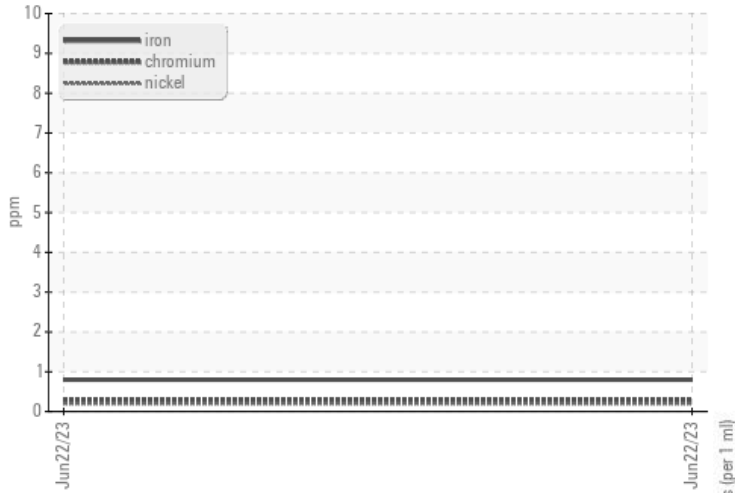


CONSTRUCTION EQUIPMENT

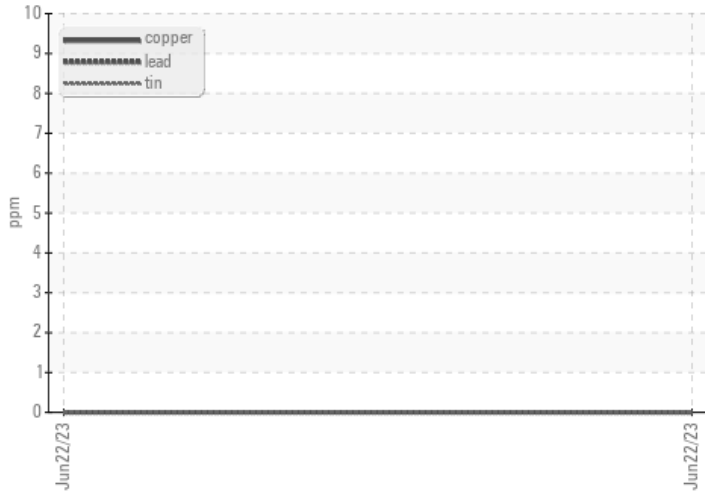


GRAPHS

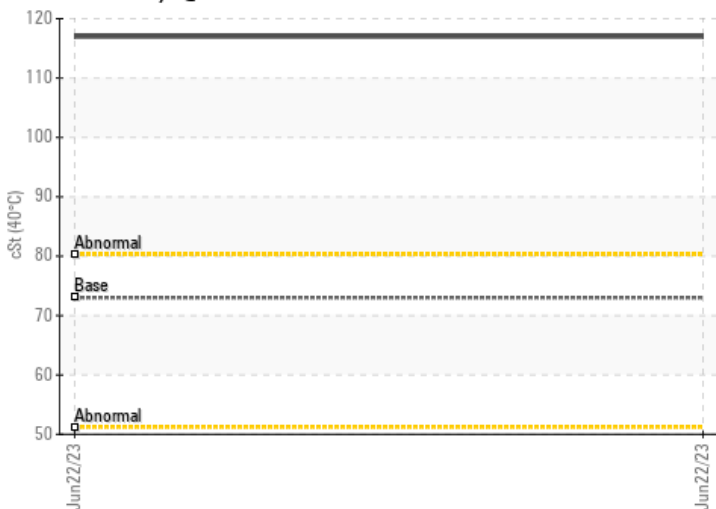
Ferrous Alloys



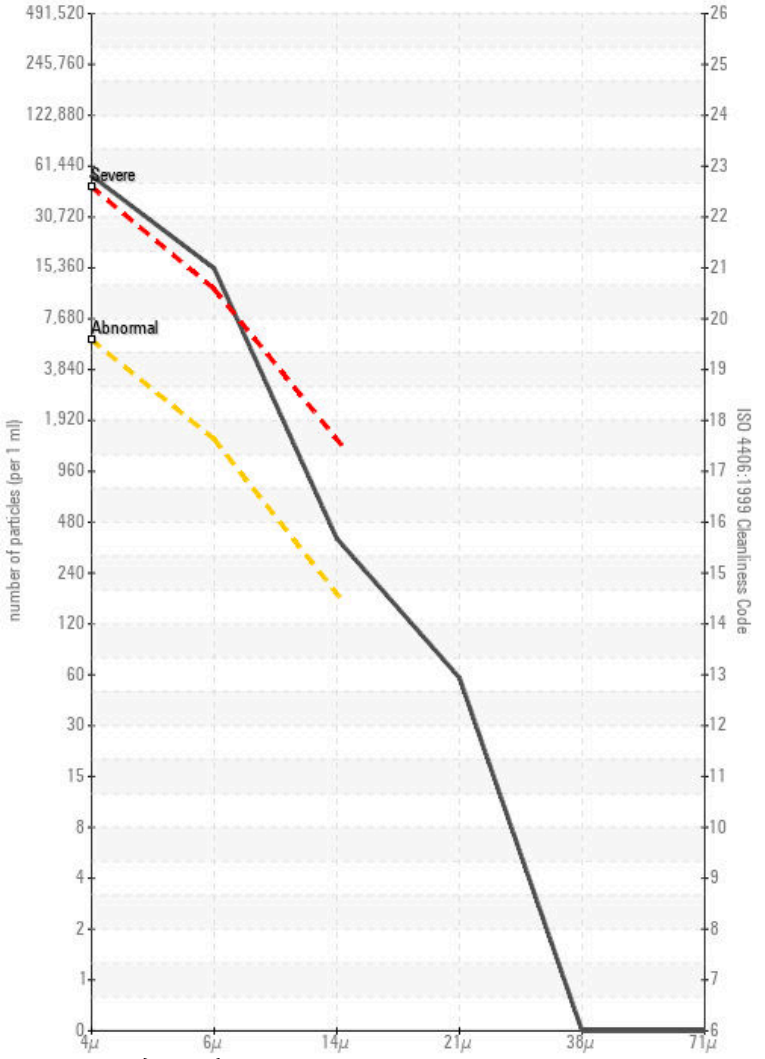
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

