



CONSTRUCTION EQUIPMENT

SPM619466 MBP VOLVO MC60B 70091 - HYDRAULIC SYSTEM



Sample No: VCP425155
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: SPM619466 MBP



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

SAMPLE INFORMATION

Sample Number	VCP425155	---	---	---
Sample Date	12 Oct 2023	---	---	---
Machine Hours	150	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	█ 42.7	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.20	---	---	---

CONTAMINATION

Particles >4µm		▲ 21014	---	---	---
Particles >6µm		▲ 2403	---	---	---
Particles >14µm		█ 82	---	---	---
ISO 4406:1999 (c)		22/18/14	---	---	---
Silicon	ppm	█ 0	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 0	---	---	---

WEAR METALS

Iron	ppm	█ 0	---	---	---
Copper	ppm	█ 8	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 21	---	---	---
Magnesium	ppm	█ 4	---	---	---
Zinc	ppm	█ 168	---	---	---
Phosphorus	ppm	█ 124	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

Diagnosis

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. 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.

Depot: VOLVO8885
Unique No: 10712950
Signed: Don Baldrige
Report Date: 28 Oct 2023

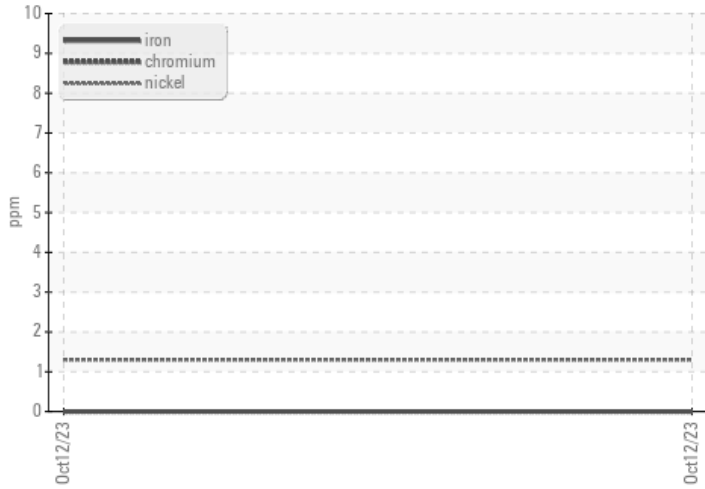


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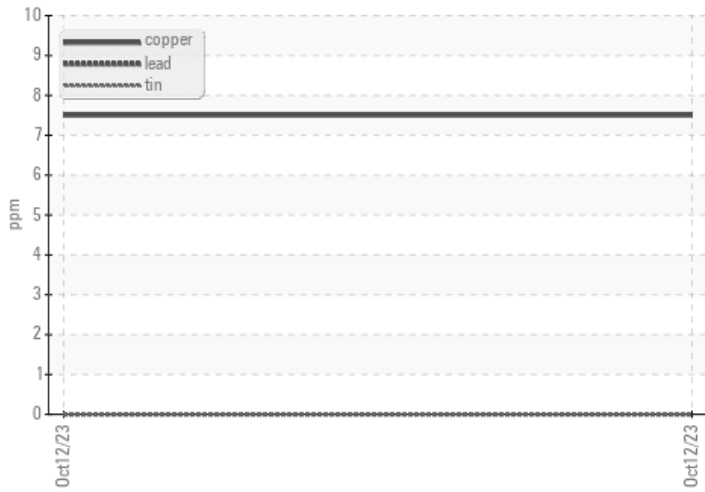


GRAPHS

Ferrous Alloys



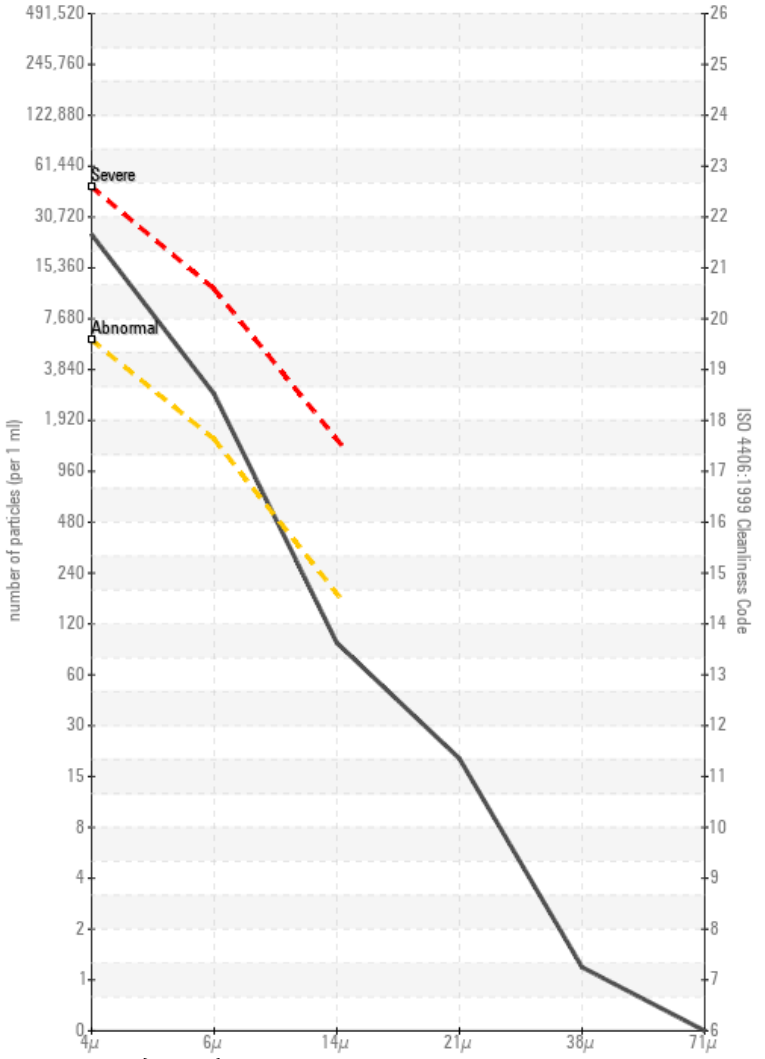
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

