



CONSTRUCTION EQUIPMENT

9483 WASTE MGMT VOLVO L70G 614434 - HYDRAULIC SYSTEM



Sample No: VCP413679
Oil Type: AW HYDRAULIC OIL ISO 46
Job No: 9483 WASTE MGMT



SAMPLE INFORMATION

Sample Number	VCP413679	---	---	---
Sample Date	16 Aug 2023	---	---	---
Machine Hours	22133	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 43.3	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.45	---	---	---



CONTAMINATION

Particles >4µm		▲ 5137	---	---	---
Particles >6µm		█ 1015	---	---	---
Particles >14µm		█ 66	---	---	---
ISO 4406:1999 (c)		20/17/13	---	---	---
Silicon	ppm	█ <1	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 0	---	---	---

Diagnosis

The filter change at the time of sampling has been noted. Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) AW HYDRAULIC OIL ISO 46. 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 AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



WEAR METALS

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



ADDITIVES

Calcium	ppm	█ 68	---	---	---
Magnesium	ppm	█ 12	---	---	---
Zinc	ppm	█ 490	---	---	---
Phosphorus	ppm	█ 391	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

Depot: VOLV00150
Unique No: 10616753
Signed: Wes Davis
Report Date: 23 Aug 2023

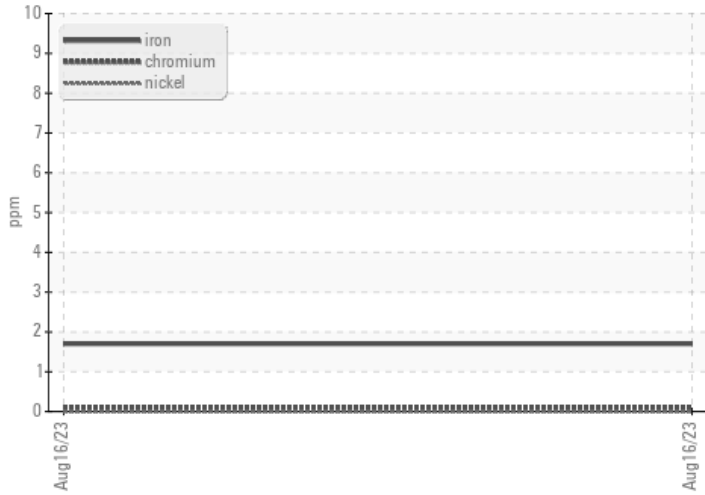


CONSTRUCTION EQUIPMENT

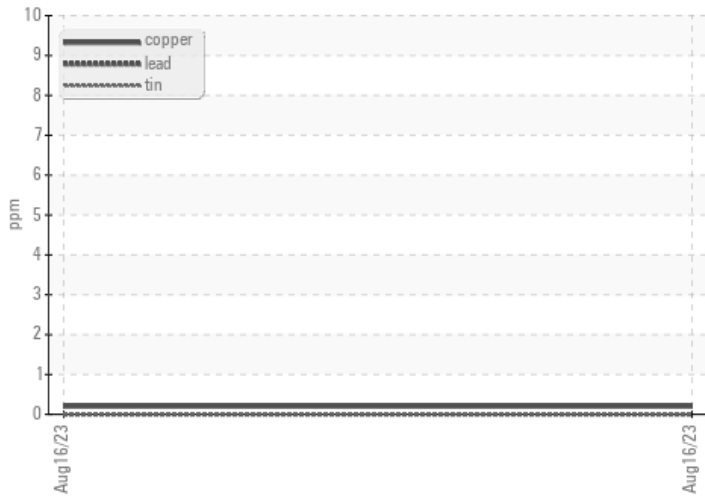


VOLVO GRAPHS

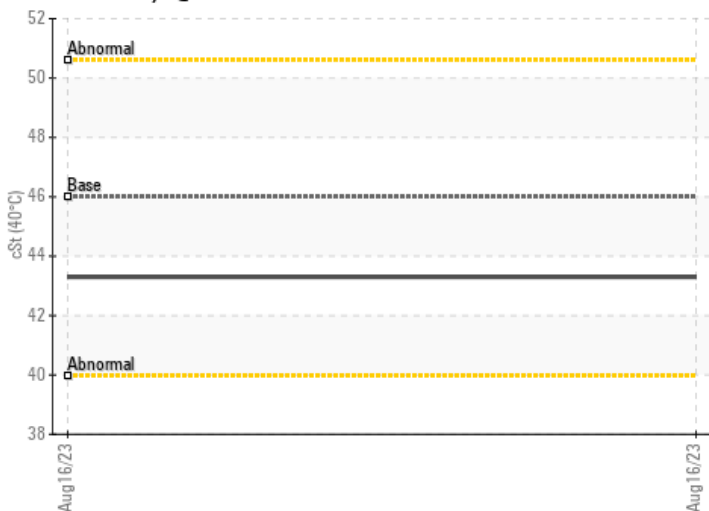
Ferrous Alloys



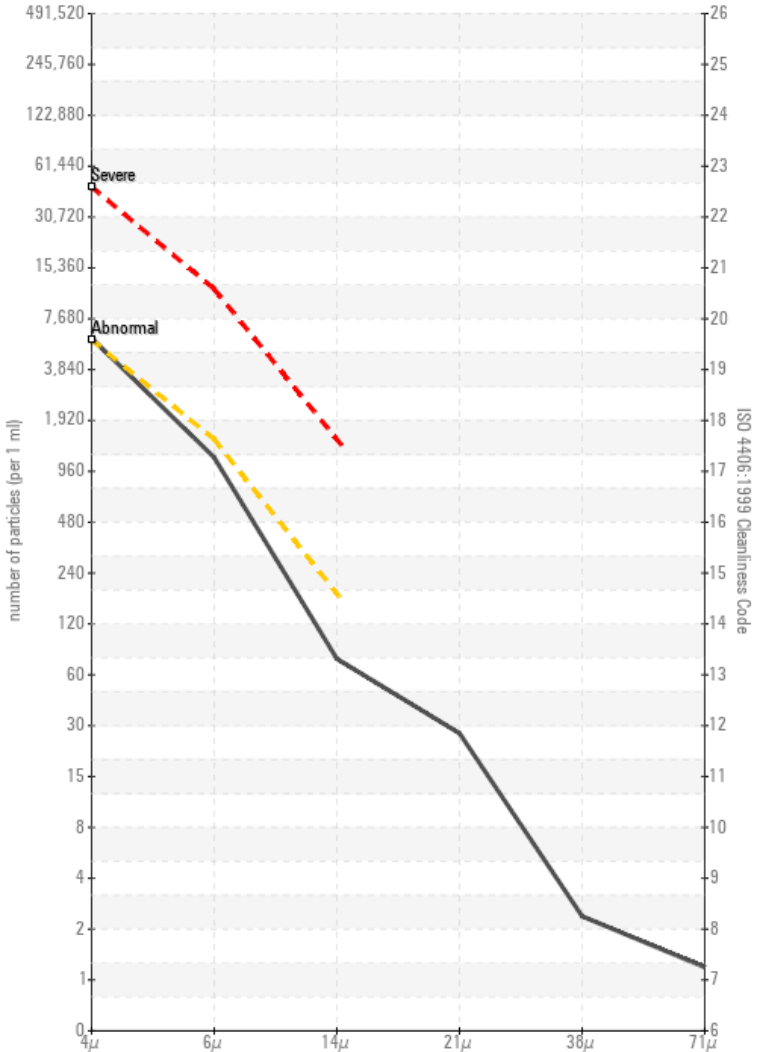
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

