



CONSTRUCTION EQUIPMENT

G08558 VOLVO L260H 1254 - HYDRAULIC SYSTEM



Sample No: VCP437241
Oil Type: AW HYDRAULIC OIL ISO 46
Job No: G08558



SAMPLE INFORMATION

Sample Number	VCP437241	---	---	---
Sample Date	23 Apr 2024	---	---	---
Machine Hours	6642	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ATTENTION	---	---	---

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 DEPTFORD, NJ
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 tammy.sandora@hoffmanequip.com
 T: (856)227-6400
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OIL CONDITION

Visc @ 40°C	cSt	█ 41.9	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.34	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		● 5493	---	---	---
Particles >6µm		█ 421	---	---	---
Particles >14µm		█ 36	---	---	---
ISO 4406:1999 (c)		20/16/12	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 2	---	---	---
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) 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	█ 5	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 59	---	---	---
Magnesium	ppm	█ 3	---	---	---
Zinc	ppm	█ 439	---	---	---
Phosphorus	ppm	█ 336	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

Depot: VOLVO8880
Unique No: 11003485
Signed: Wes Davis
Report Date: 30 Apr 2024

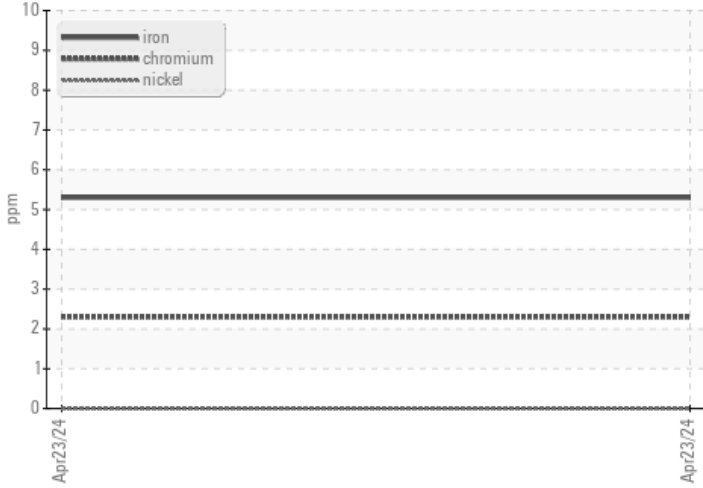


CONSTRUCTION EQUIPMENT

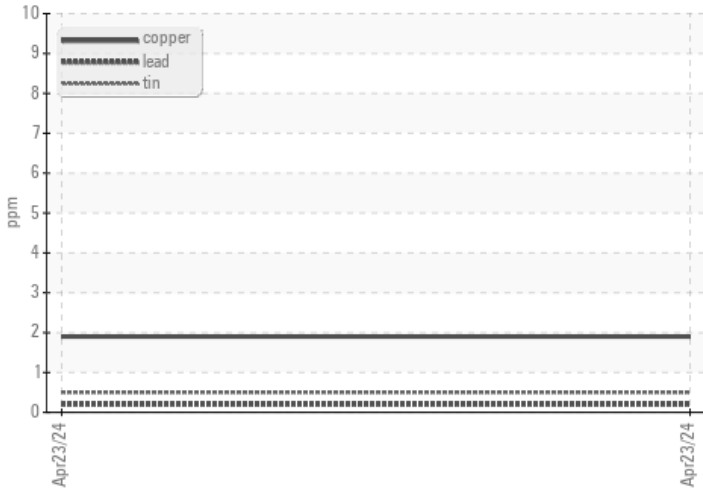


GRAPHS

Ferrous Alloys



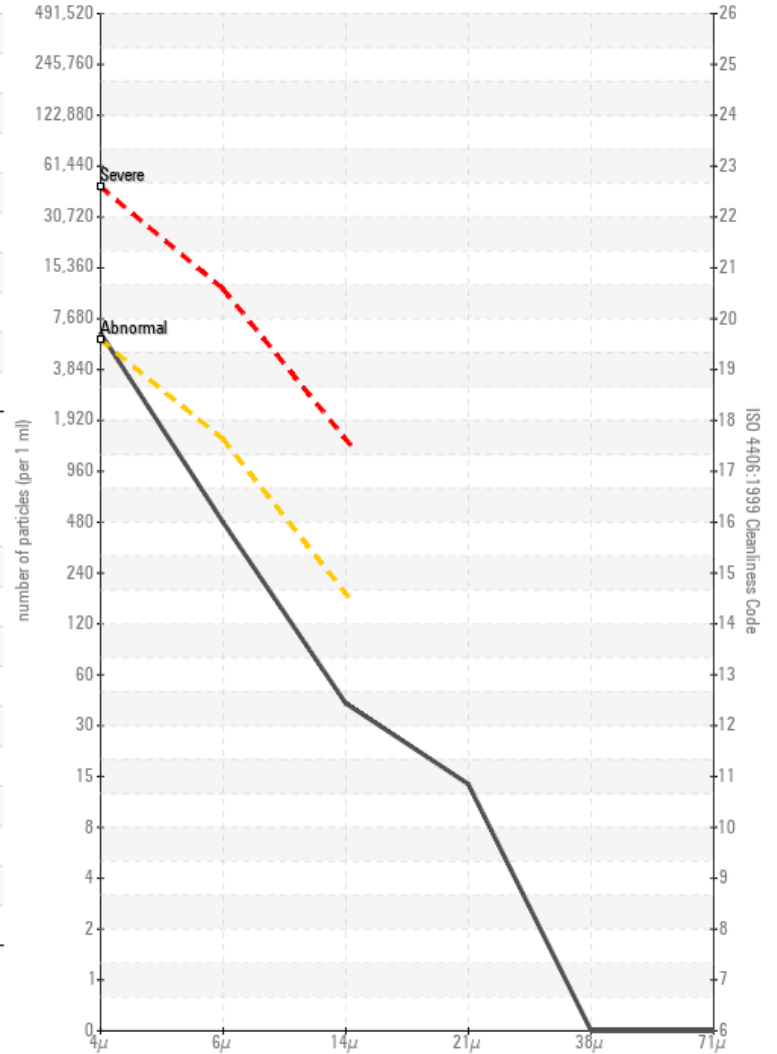
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

