



CONSTRUCTION EQUIPMENT

702528 BULK EXPRESS VOLVO L150H 6957 - HYDRAULIC SYSTEM



Sample No: VCP449814
Oil Type: AW HYDRAULIC OIL ISO 46
Job No: 702528 BULK EXPRESS



SAMPLE INFORMATION

Sample Number	VCP449814	VCP441779	---	---
Sample Date	19 Apr 2024	07 Feb 2024	---	---
Machine Hours	7549	7032	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	ATTENTION	ATTENTION	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 46.3	█ 41.6	---	---
Acid Number (AN)	mg KOH/g	█ 0.43	█ 0.39	---	---



CONTAMINATION

Water	%	NEG	NEG	---	---
Particles >4µm		█ 13479	█ 14678	---	---
Particles >6µm		█ 2432	● 2847	---	---
Particles >14µm		● 120	● 144	---	---
ISO 4406:1999 (c)		21/18/14	21/19/14	---	---
Silicon	ppm	█ 0	█ 2	---	---
Sodium	ppm	█ <1	█ 0	---	---
Potassium	ppm	█ 0	█ 1	---	---

Diagnosis

We recommend you service the filters on this component. Resample at the next service interval to monitor. 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	█ 4	---	---
Copper	ppm	█ 0	█ 5	---	---
Lead	ppm	█ 0	█ 4	---	---
Tin	ppm	█ 0	█ <1	---	---
Aluminum	ppm	█ 0	█ 2	---	---
Chromium	ppm	█ <1	█ 1	---	---
Molybdenum	ppm	█ 0	█ <1	---	---
Nickel	ppm	█ 0	█ <1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 0	█ <1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	█ 99	█ 76	---	---
Magnesium	ppm	█ 10	█ <1	---	---
Zinc	ppm	█ 462	█ 624	---	---
Phosphorus	ppm	█ 350	█ 493	---	---
Barium	ppm	█ 0	█ 13	---	---
Boron	ppm	█ 0	█ 0	---	---

Depot: VOLVO0096
Unique No: 10994436
Signed: Wes Davis
Report Date: 25 Apr 2024

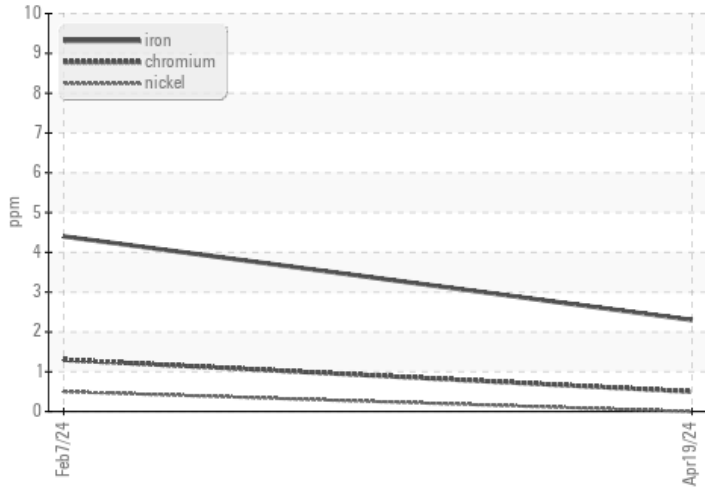


CONSTRUCTION EQUIPMENT

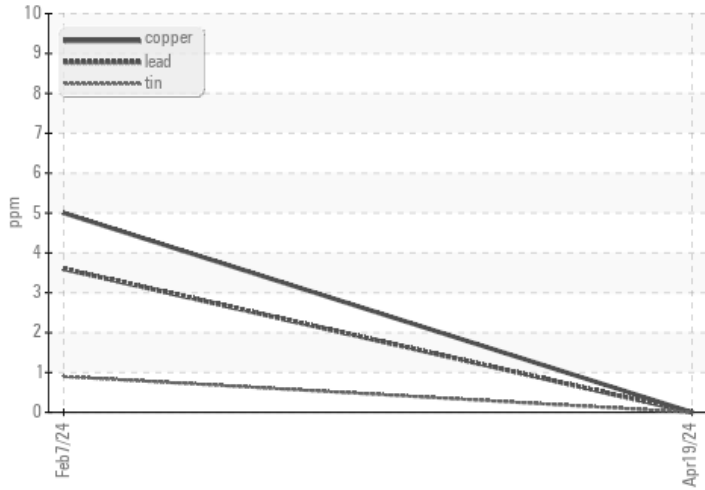


VOLVO GRAPHS

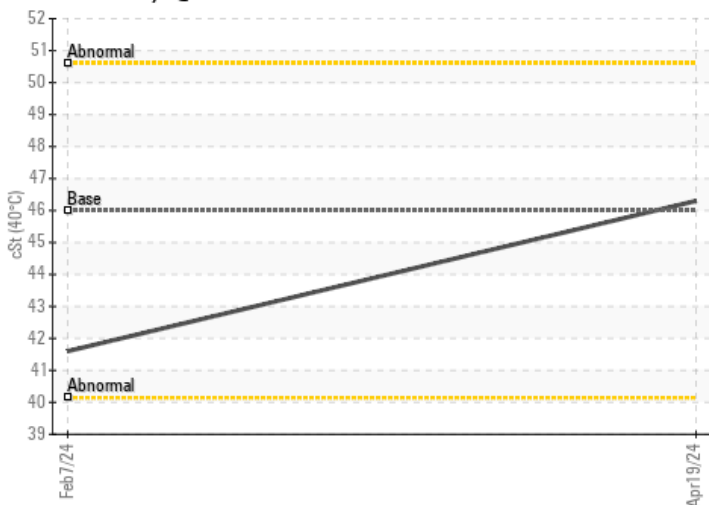
Ferrous Alloys



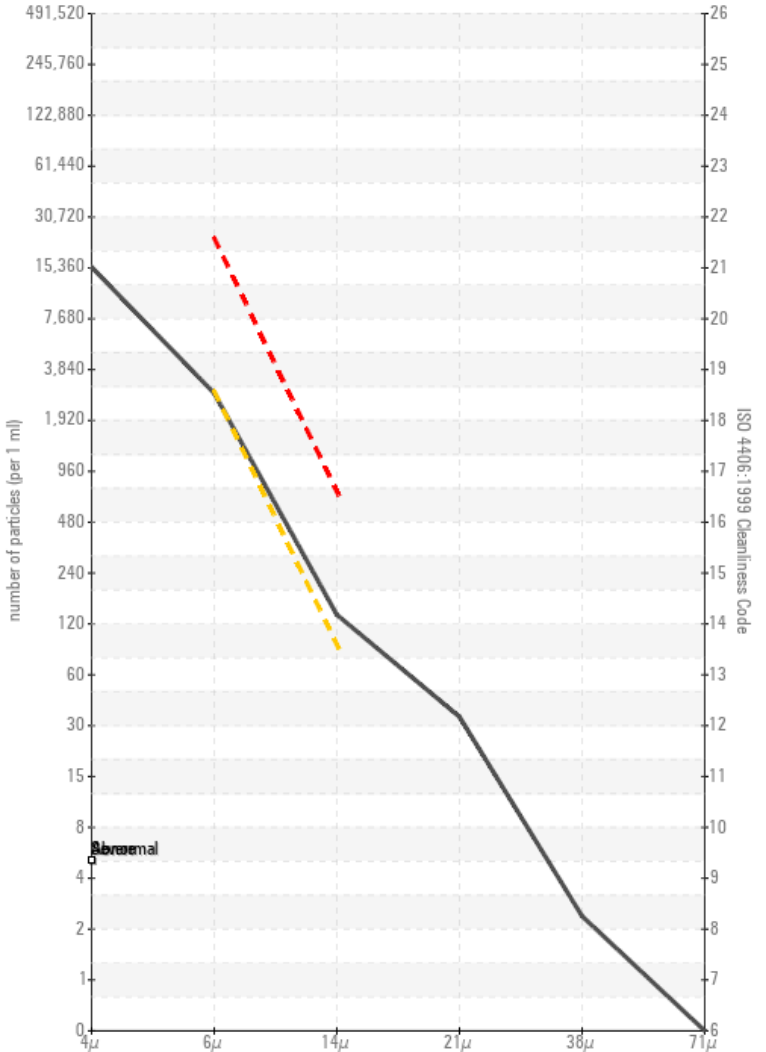
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

