



CONSTRUCTION EQUIPMENT

3591 BULK EXPRESS VOLVO L150H 6957 - HYDRAULIC SYSTEM



Sample No: VCP441779
Oil Type: AW HYDRAULIC OIL ISO 46
Job No: 3591 BULK EXPRESS



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SAMPLE INFORMATION

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



OIL CONDITION

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



CONTAMINATION

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



WEAR METALS

Iron	ppm	█ 4	---	---	---
Copper	ppm	█ 5	---	---	---
Lead	ppm	█ 4	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

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

Diagnosis

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 moderate 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.

Depot: VOLVO0096
Unique No: 10873452
Signed: Don Baldrige
Report Date: 13 Feb 2024

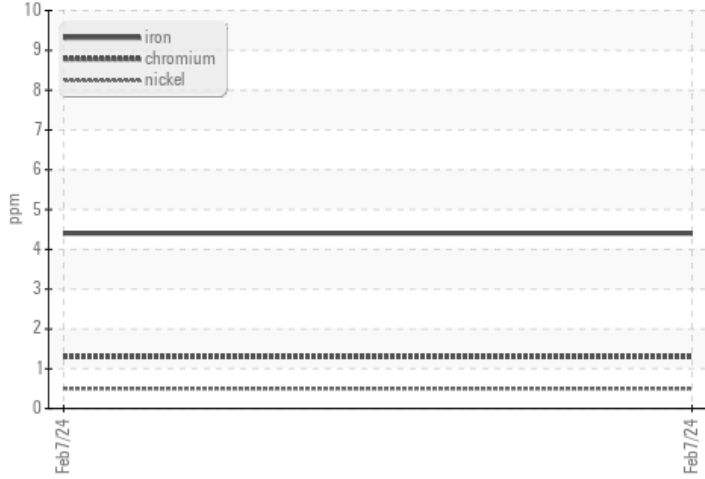


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GRAPHS

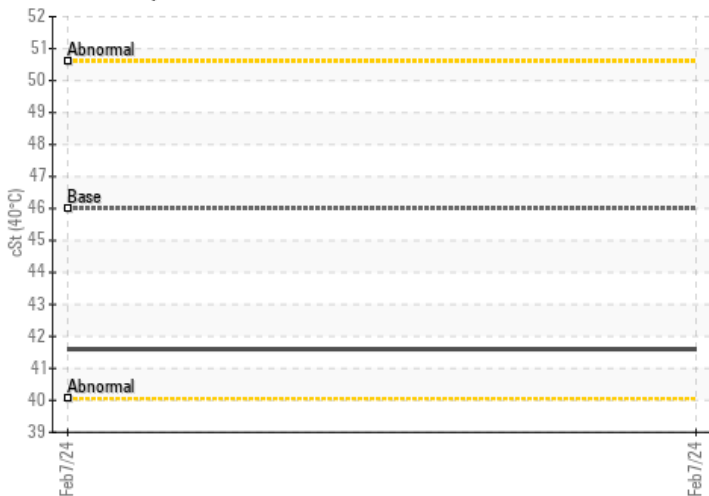
Ferrous Alloys



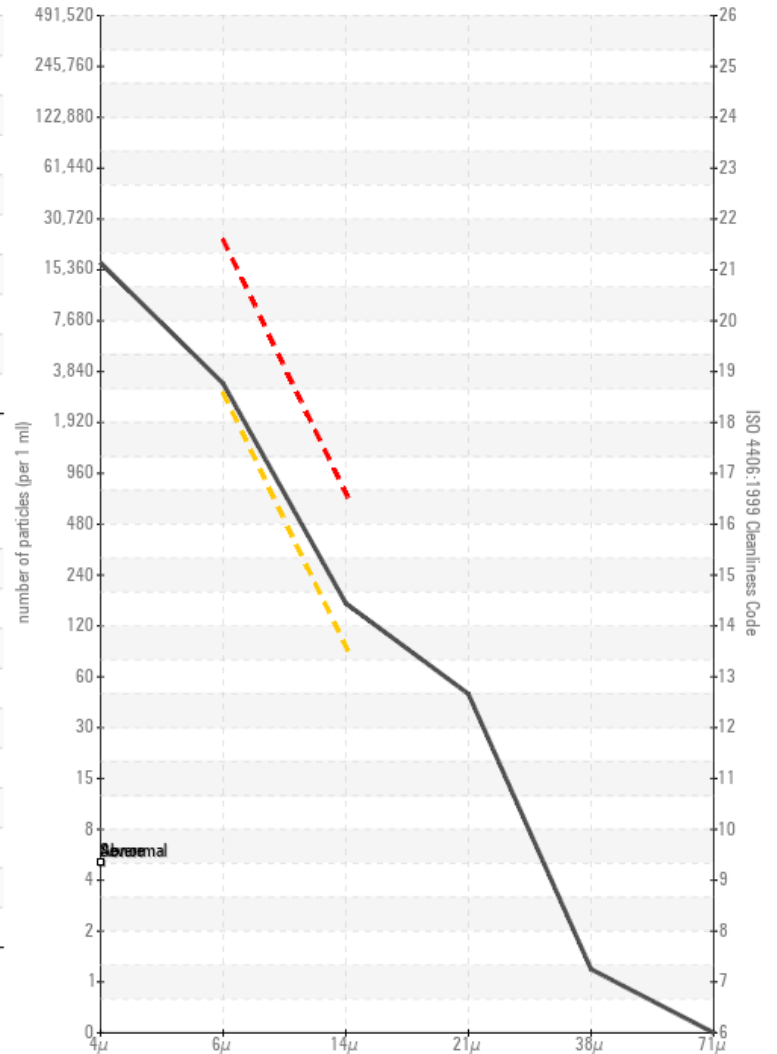
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

