CONSTRUCTION EQUIPMENT
JMH VOLVO 752675 - HYDRAULIC SYSTEM

Sample No: VCP440734
Oil Type: NOT GIVEN
Job No: JMH

SAMPLE INFORMATION

Sample Number		**VCP440734**	---	---	---
Sample Date		**18 Dec 2023**	---	---	---
Machine Hours		**2118**	---	---	---
Oil Hours		**0**	---	---	---
Oil Changed		**N/A**	---	---	---
Sample Status		**ATTENTION**	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	**43.4**	---	---	---
Acid Number (AN)	mg KOH/g	**0.38**	---	---	---

CONTAMINATION

Water	%	**NEG**	---	---	---
Particles >4µm		**6581**	---	---	---
Particles >6µm		**1210**	---	---	---
Particles >14µm		**64**	---	---	---
ISO 4406:1999 (c)		**20/17/13**	---	---	---
Silicon	ppm	**2**	---	---	---
Sodium	ppm	**4**	---	---	---
Potassium	ppm	**2**	---	---	---

WEAR METALS

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

ADDITIVES

Calcium	ppm	**32**	---	---	---
Magnesium	ppm	**1**	---	---	---
Zinc	ppm	**219**	---	---	---
Phosphorus	ppm	**169**	---	---	---
Barium	ppm	**0**	---	---	---
Boron	ppm	**0**	---	---	---

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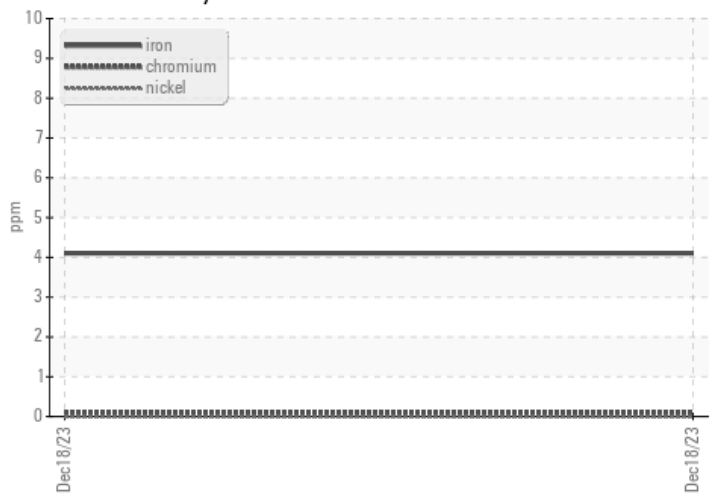
Diagnosis

The filter change at the time of sampling has been noted. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.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.

Depot: VOLVO0096
Unique No: 10803727
Signed: Wes Davis
Report Date: 26 Dec 2023

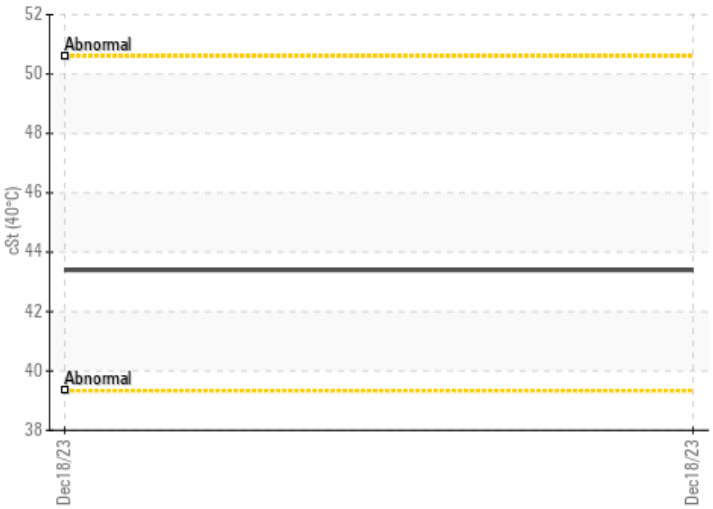
GRAPHS

Ferrous Alloys

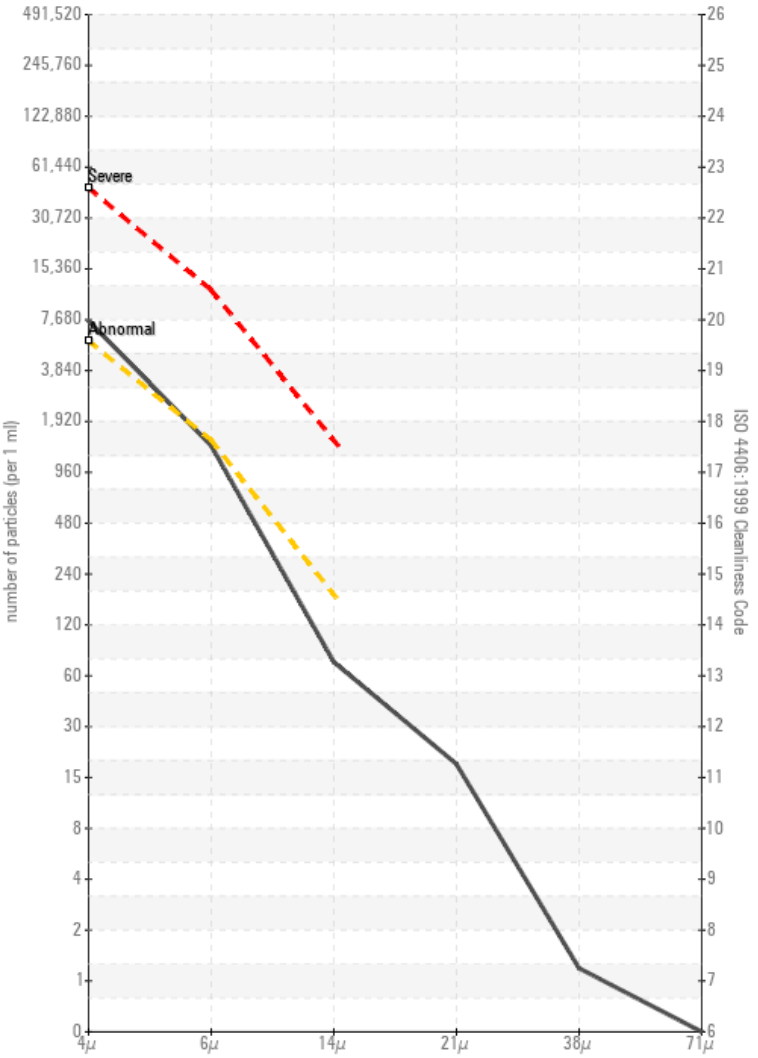


Non-ferrous Metals

Viscosity @ 40°C



Particle Count



Acid Number