



CONSTRUCTION EQUIPMENT

19698 SRM CONCRETE VOLVO L70H 623293 - HYDRAULIC SYSTEM



Sample No: VCP414157
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 19698 SRM CONCRETE



117 - ASCENDUM MACHINERY INC - GREENVILLE
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 T:
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SAMPLE INFORMATION

Sample Number	VCP414157	VCP390926	---	---
Sample Date	25 Sep 2023	02 Mar 2023	---	---
Machine Hours	3042	2445	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	ATTENTION	ABNORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	42.3	42.6	---	---
Acid Number (AN)	mg KOH/g	0.34	0.32	---	---



CONTAMINATION

Particles >4µm		6724	22014	---	---
Particles >6µm		1147	4015	---	---
Particles >14µm		38	83	---	---
ISO 4406:1999 (c)		20/17/12	22/19/14	---	---
Silicon	ppm	4	4	---	---
Sodium	ppm	2	2	---	---
Potassium	ppm	<1	0	---	---



WEAR METALS

Iron	ppm	4	4	---	---
Copper	ppm	3	3	---	---
Lead	ppm	3	3	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	<1	1	---	---
Chromium	ppm	1	1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	0	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	75	57	---	---
Magnesium	ppm	<1	<1	---	---
Zinc	ppm	396	388	---	---
Phosphorus	ppm	305	320	---	---
Barium	ppm	0	0	---	---
Boron	ppm	0	0	---	---

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.

Depot: VOLVO8769
Unique No: 10701979
Signed: Wes Davis
Report Date: 23 Oct 2023

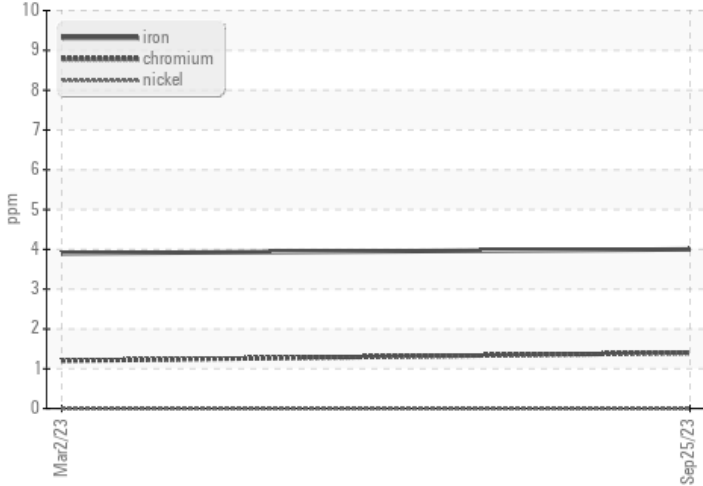


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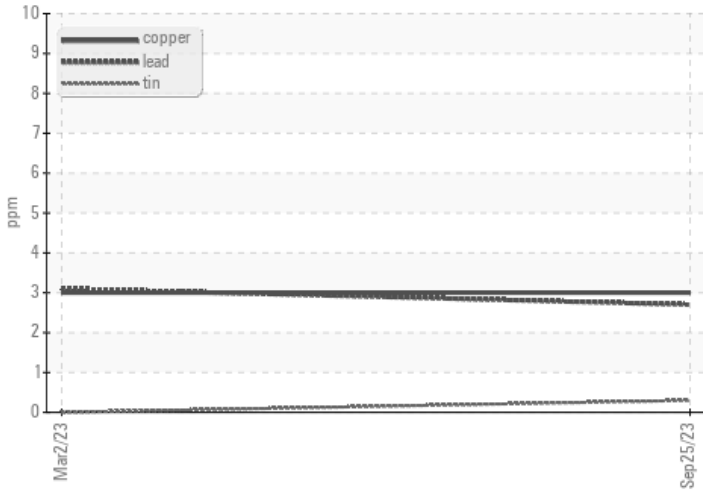


VOLVO GRAPHS

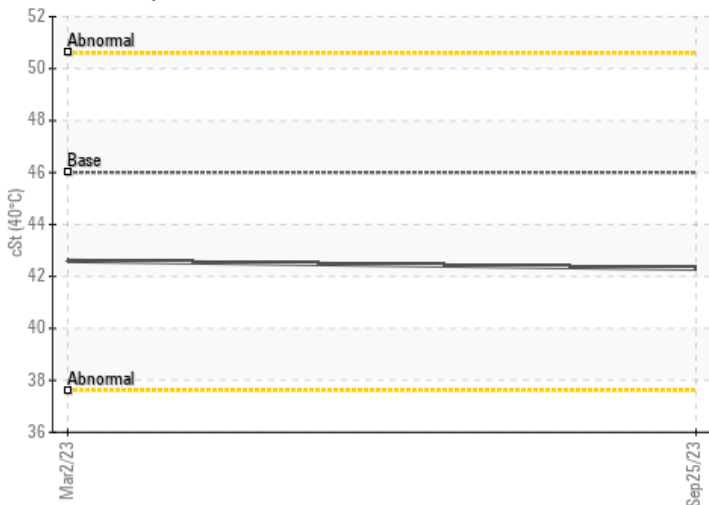
Ferrous Alloys



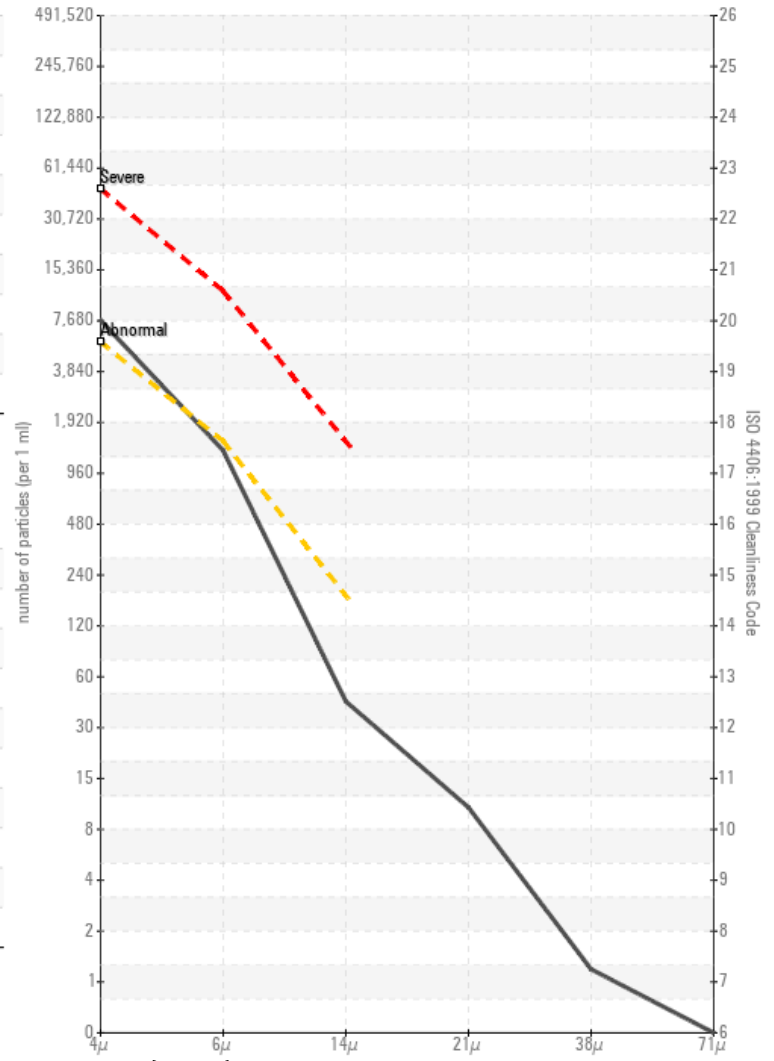
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

