



CONSTRUCTION EQUIPMENT

SPM579230 GENERAL RV VOLVO L20H 1220273 - HYDRAULIC SYSTEM



Sample No: VCP422585
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: SPM579230 GENERAL RV



SAMPLE INFORMATION

Sample Number	VCP422585	VCP401598	VCP340359	---
Sample Date	12 Sep 2023	07 Feb 2023	23 Dec 2021	---
Machine Hours	2490	1867	969	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Not Chngd	Not Chngd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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 5000 INDUSTRIAL HWY
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OIL CONDITION

Visc @ 40°C	cSt	44.2	44.4	45.5	---
Acid Number (AN)	mg KOH/g	0.39	0.36	0.441	---

CONTAMINATION

Particles >4µm		890	4021	2265	---
Particles >6µm		247	782	404	---
Particles >14µm		23	54	14	---
ISO 4406:1999 (c)		17/15/12	19/17/13	18/16/11	---
Silicon	ppm	2	2	2	---
Sodium	ppm	<1	0	<1	---
Potassium	ppm	<1	<1	<1	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

WEAR METALS

Iron	ppm	6	5	2	---
Copper	ppm	3	3	1	---
Lead	ppm	2	2	<1	---
Tin	ppm	0	0	<1	---
Aluminum	ppm	<1	0	<1	---
Chromium	ppm	0	0	0	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	0	0	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	<1	---
Manganese	ppm	<1	<1	<1	---
Vanadium	ppm	0	0	0	---

ADDITIVES

Calcium	ppm	29	31	33	---
Magnesium	ppm	0	<1	0	---
Zinc	ppm	443	438	437	---
Phosphorus	ppm	365	338	342	---
Barium	ppm	0	0	0	---
Boron	ppm	0	0	2	---

Depot: VOLVO8885
Unique No: 10658214
Signed: Wes Davis
Report Date: 22 Sep 2023

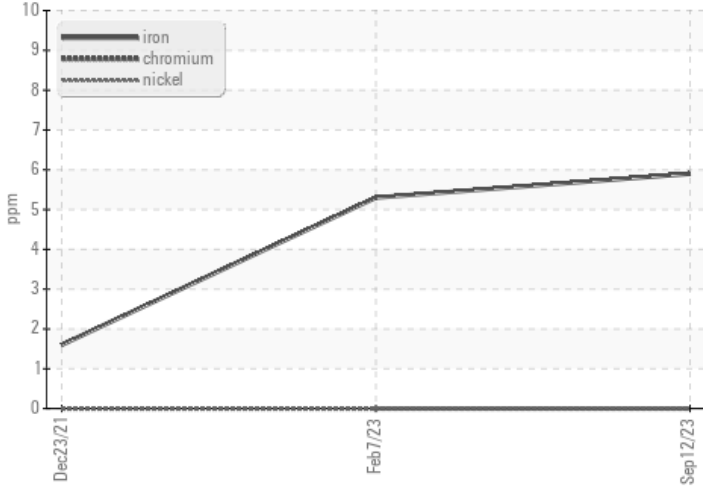


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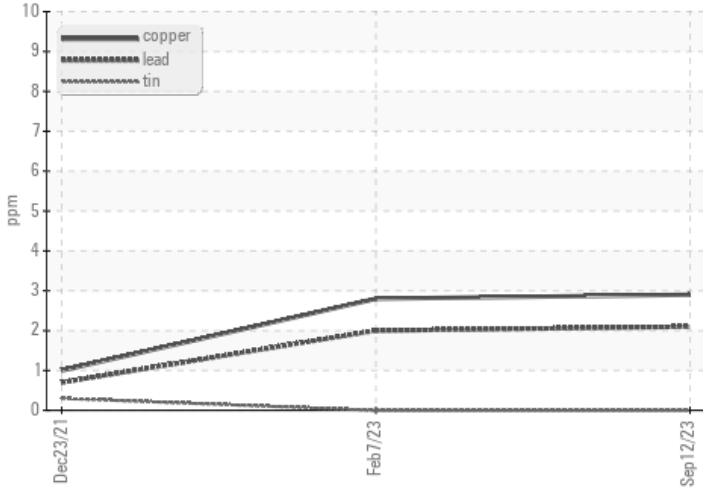


VOLVO GRAPHS

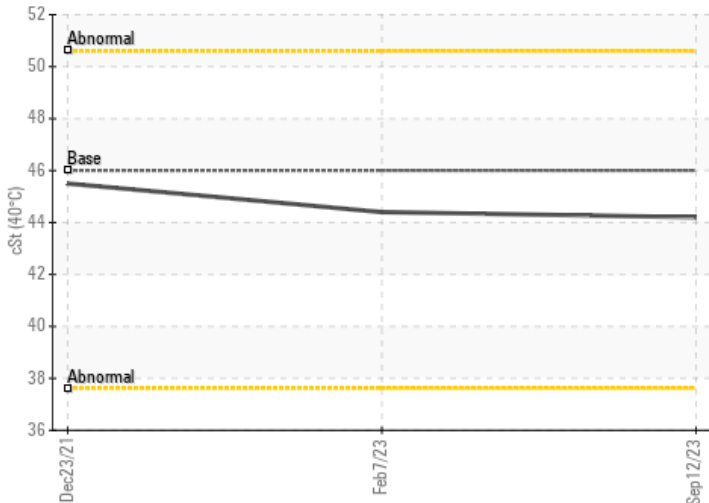
Ferrous Alloys



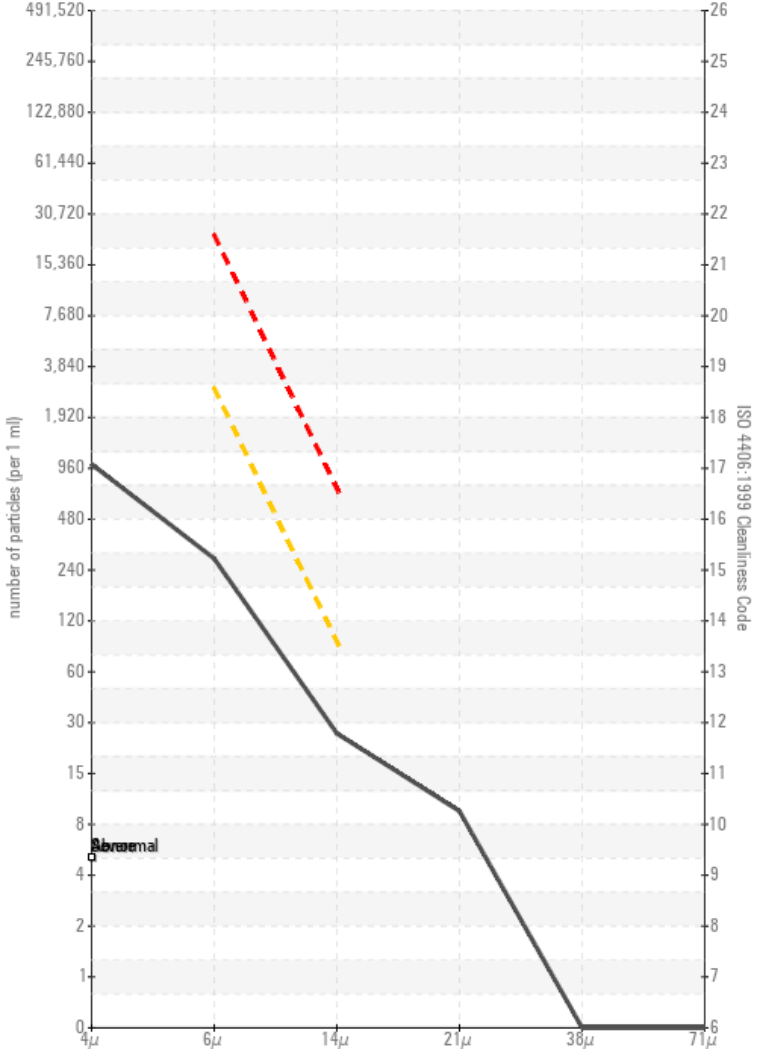
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

