



CONSTRUCTION EQUIPMENT

SW-22475-15 SUNROC VOLVO A40F 11398 - HYDRAULIC SYSTEM



Sample No: VCP414372
Oil Type: NOT GIVEN
Job No: SW-22475-15 SUNROC



SAMPLE INFORMATION

Sample Number	VCP414372	---	---	---
Sample Date	31 Aug 2023	---	---	---
Machine Hours	12017	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

ARNOLD MACHINERY COMPANY

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 SALT LAKE CITY, UT
 US 84119
 Contact: JUSTIN BENCH
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OIL CONDITION

Visc @ 40°C	cSt	█ 40.6	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.49	---	---	---



CONTAMINATION

Particles >4µm		█ 3526	---	---	---
Particles >6µm		█ 232	---	---	---
Particles >14µm		█ 10	---	---	---
ISO 4406:1999 (c)		█ 19/15/10	---	---	---
Silicon	ppm	█ 11	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ <1	---	---	---

Diagnosis

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. 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	---	---	---
Copper	ppm	█ 6	---	---	---
Lead	ppm	█ 3	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	█ 0	---	---	---



ADDITIVES

Calcium	ppm	█ 584	---	---	---
Magnesium	ppm	█ 13	---	---	---
Zinc	ppm	█ 541	---	---	---
Phosphorus	ppm	█ 446	---	---	---
Barium	ppm	█ 7	---	---	---
Boron	ppm	█ 0	---	---	---

Depot: VOLVO8770
Unique No: 10635129
Signed: Wes Davis
Report Date: 08 Sep 2023

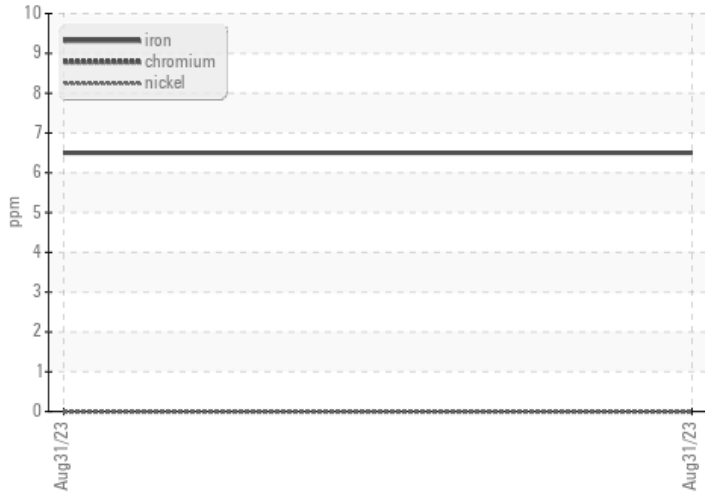


CONSTRUCTION EQUIPMENT

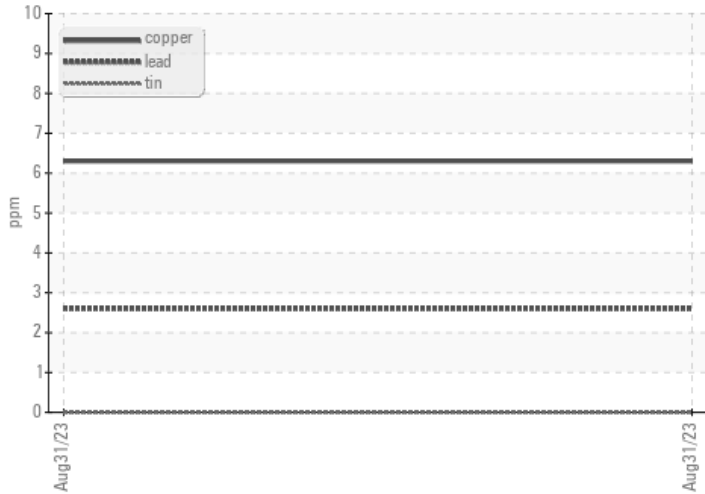


VOLVO GRAPHS

Ferrous Alloys



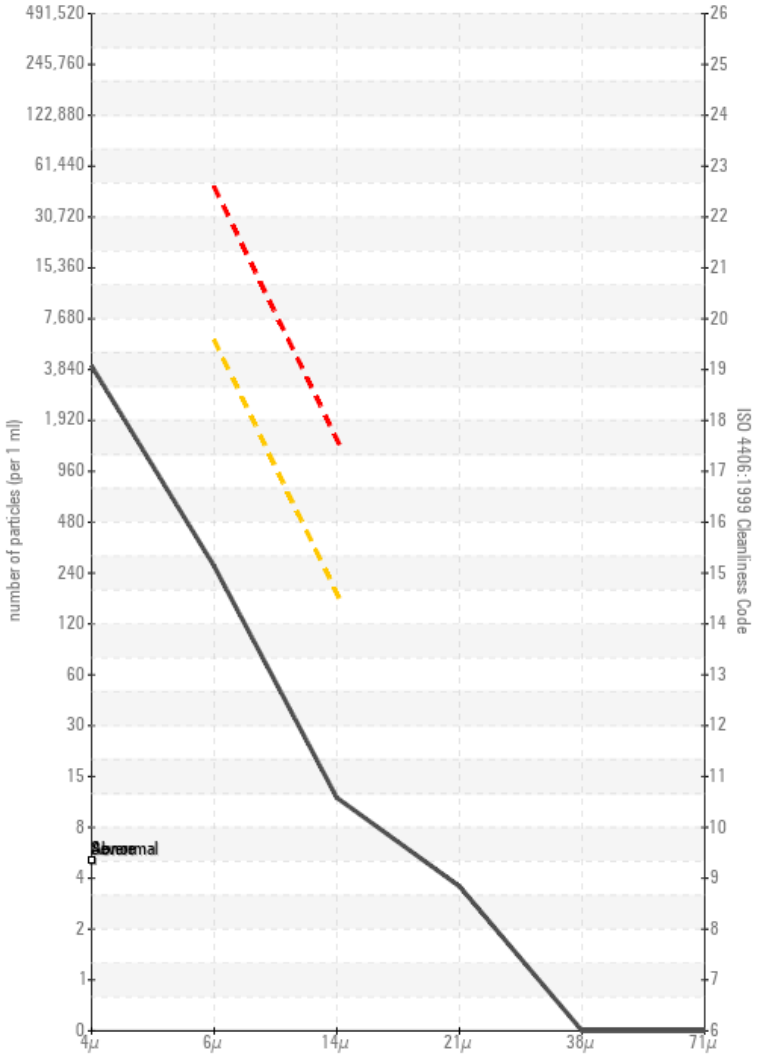
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

