



CONSTRUCTION EQUIPMENT

399904 VOLVO L120H 633291 - HYDRAULIC SYSTEM



Sample No: VCP430071
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 399904



SAMPLE INFORMATION

Sample Number	VCP430071	---	---	---
Sample Date	05 Apr 2024	---	---	---
Machine Hours	4146	---	---	---
Oil Hours	2000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

STRONGCO EQUIP (AB)

6 - 38403 BURNT LAKE TRAIL
 RED DEER COUNTY, AB
 CA T4S 2L4
 Contact: Perry Doyle
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 T: (403)391-3520
 F: (403)346-3487



OIL CONDITION

Visc @ 40°C	cSt	█ 41.1	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		█ 1365	---	---	---
Particles >6µm		█ 451	---	---	---
Particles >14µm		█ 35	---	---	---
ISO 4406:1999 (c)		18/16/12	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 2	---	---	---

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 condition of the oil is acceptable for the time in service.



WEAR METALS

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



ADDITIVES

Calcium	ppm	█ 64	---	---	---
Magnesium	ppm	█ 3	---	---	---
Zinc	ppm	█ 432	---	---	---
Phosphorus	ppm	█ 336	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ <1	---	---	---

Depot: VOLVO9652
Unique No: 5761044
Signed: Wes Davis
Report Date: 11 Apr 2024

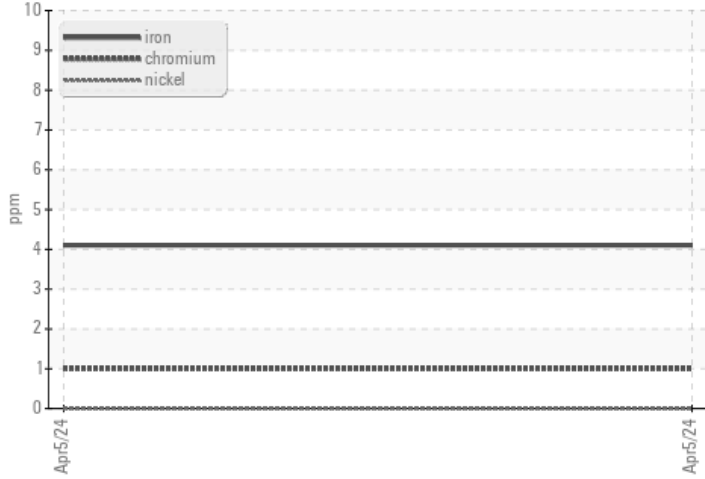


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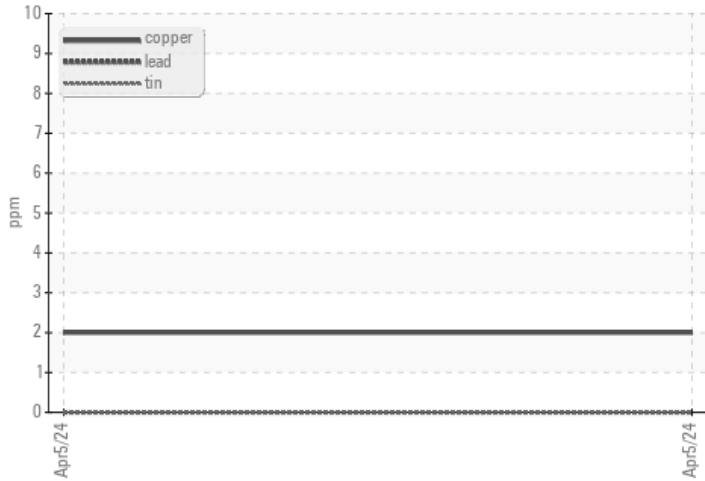


VOLVO GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

