



CONSTRUCTION EQUIPMENT

VINCI 392571 VOLVO EC950F 410078 - HYDRAULIC SYSTEM



Sample No: VCP449378
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 392571



SAMPLE INFORMATION

Sample Number	VCP449378	---	---	---
Sample Date	09 Feb 2024	---	---	---
Machine Hours	3908	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

STRONGCO EQUIPMENT--CALGARY
 7923 54TH STREET SE
 CALGARY, AB
 CA T2C 4R7
 Contact: Tracey Lewin
 tlewin@strongco.com
 T: (403)216-1010
 F: (403)216-1016



OIL CONDITION

Visc @ 40°C	cSt	█ 39.4	---	---	---
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CONTAMINATION

Water	%	█ 0.003	---	---	---
Particles >4µm		█ 2288	---	---	---
Particles >6µm		█ 544	---	---	---
Particles >14µm		█ 47	---	---	---
ISO 4406:1999 (c)		18/16/13	---	---	---
Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ <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 water content is negligible. The system and fluid cleanliness is acceptable. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	█ 6	---	---	---
Copper	ppm	█ 9	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	█ 0	---	---	---



ADDITIVES

Calcium	ppm	█ 78	---	---	---
Magnesium	ppm	█ <1	---	---	---
Zinc	ppm	█ 470	---	---	---
Phosphorus	ppm	█ 410	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

Depot: VOLVO3909
Unique No: 5734545
Signed: Wes Davis
Report Date: 23 Feb 2024

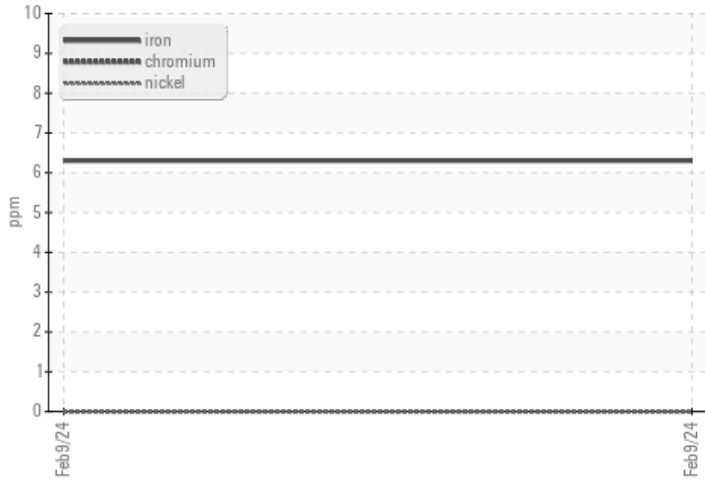


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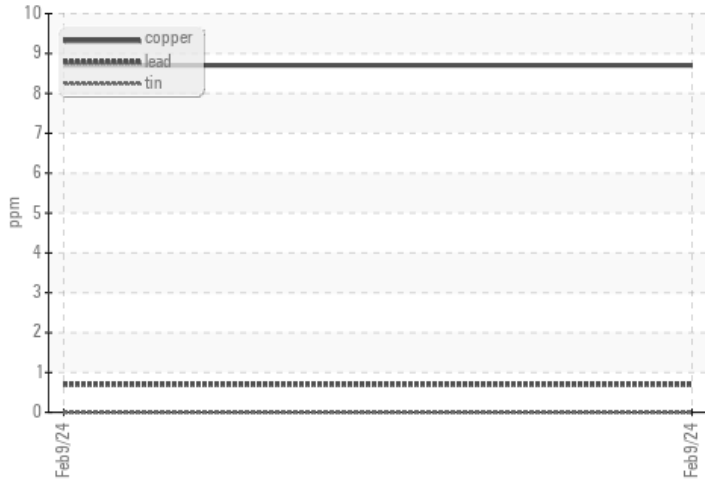


VOLVO GRAPHS

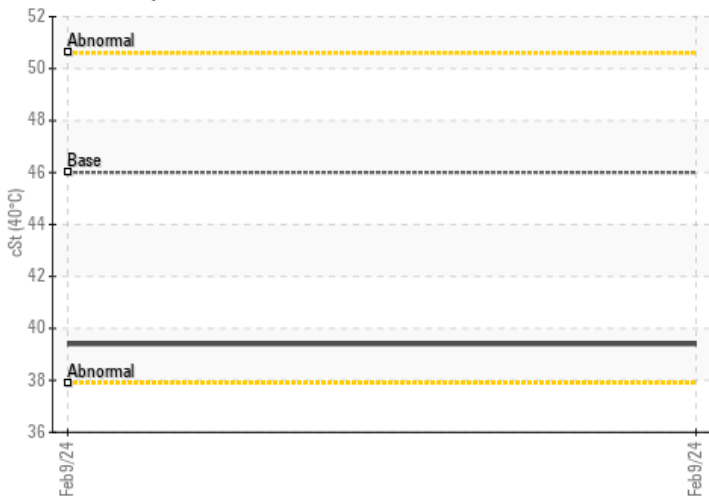
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

