



CONSTRUCTION EQUIPMENT

702821 ALTA RENTS VOLVO L90H 626583 - TRANSMISSION



Sample No: VCP454748
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 702821 ALTA RENTS



SAMPLE INFORMATION

Sample Number	VCP454748	---	---	---
Sample Date	23 Apr 2024	---	---	---
Machine Hours	1279	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	● 28.14	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 11	---	---	---
Sodium	ppm	■ 5	---	---	---
Potassium	ppm	■ 0	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The iron level is abnormal. All other component wear rates are normal. There is no indication of any contamination in the fluid. The fluid viscosity is lower than normal. Confirm oil type.



WEAR METALS

Iron	ppm	▲ 149	---	---	---
Copper	ppm	■ 11	---	---	---
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	■ 9	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 68	---	---	---
Magnesium	ppm	■ 0	---	---	---
Zinc	ppm	■ 36	---	---	---
Phosphorus	ppm	■ 168	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 63	---	---	---

Depot: VOLVO0096
Unique No: 10996801
Signed: Don Baldrige
Report Date: 02 May 2024

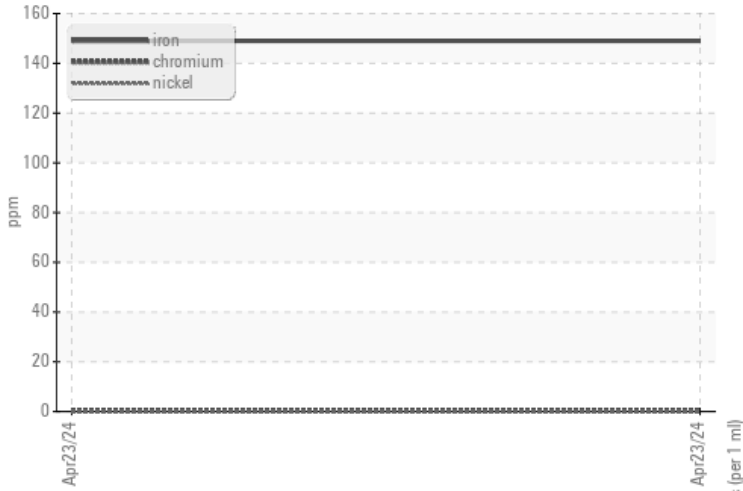


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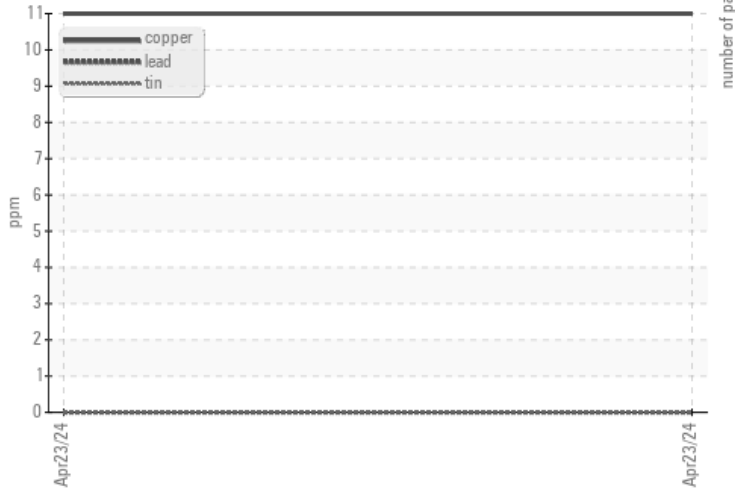


GRAPHS

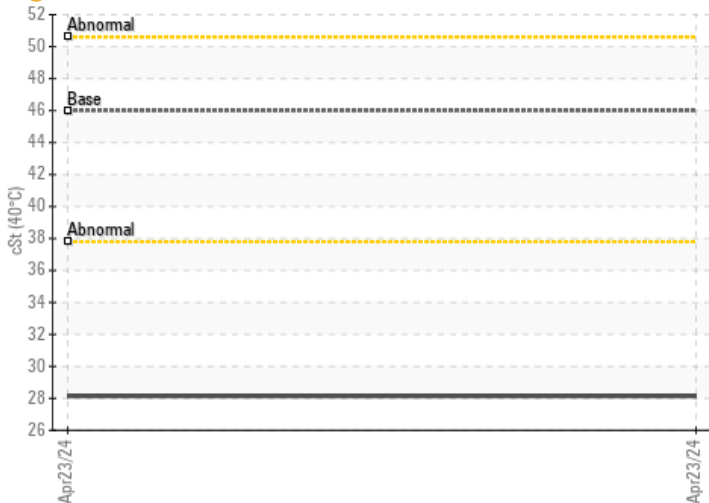
▲ Ferrous Alloys



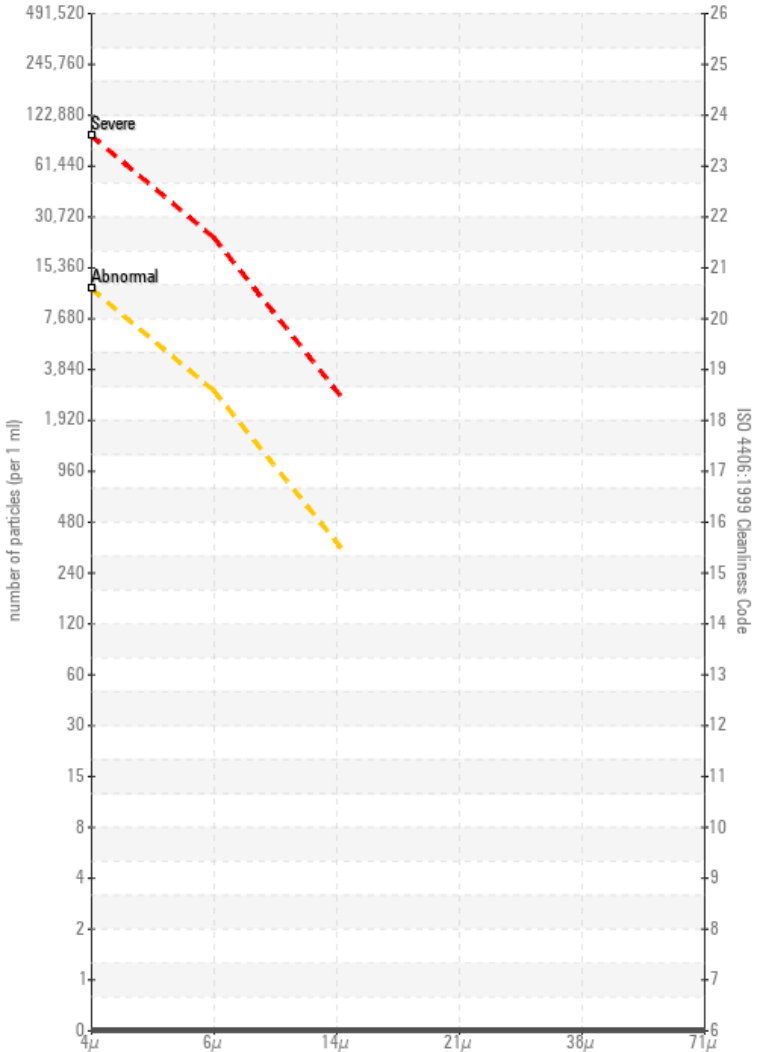
Non-ferrous Metals



● Viscosity @ 40°C



Particle Count



Acid Number

