



CONSTRUCTION EQUIPMENT

TREHROH VOLVO L90F 028721 - FRONT AXLE



Sample No: VCP428840
Oil Type: TDH FLUID SAE 75W80
Job No: TREHROH



SAMPLE INFORMATION

Sample Number	VCP428840	---	---	---
Sample Date	05 Dec 2023	---	---	---
Machine Hours	21226	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 44.1	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 13	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 0	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	█ 39	---	---	---
Copper	ppm	█ 8	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 3	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 3592	---	---	---
Magnesium	ppm	█ 43	---	---	---
Zinc	ppm	█ 1478	---	---	---
Phosphorus	ppm	█ 1255	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 127	---	---	---

Depot: VOLVO0093
Unique No: 10871399
Signed: Don Baldrige
Report Date: 11 Feb 2024



CONSTRUCTION EQUIPMENT



GRAPHS

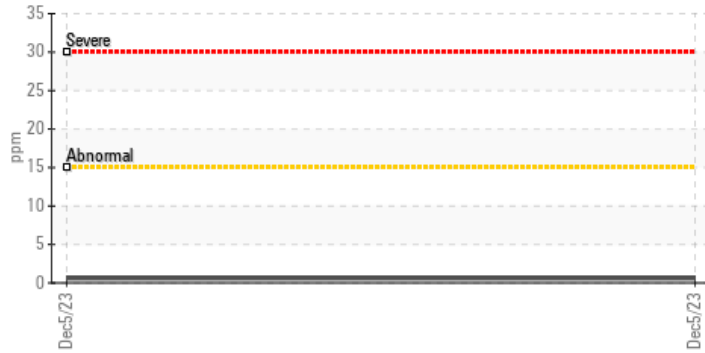
Iron (ppm)



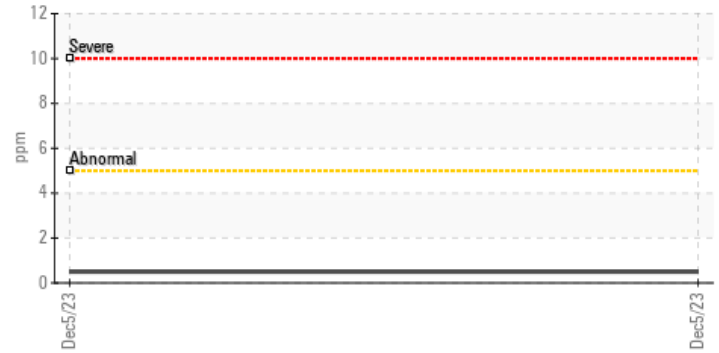
Lead (ppm)



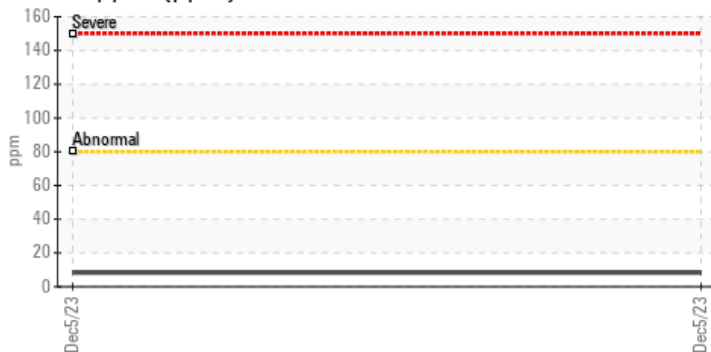
Aluminum (ppm)



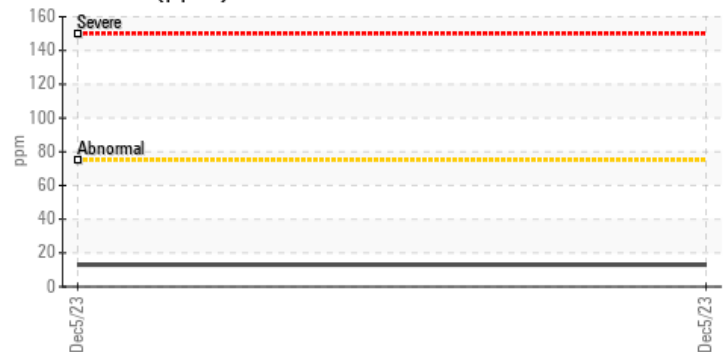
Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

