



# CONSTRUCTION EQUIPMENT

HERFORD CONST VOLVO L70H 624450 - FRONT AXLE



**Sample No:** VCP413010  
**Oil Type:** TDH FLUID SAE 70W80  
**Job No:** HERFORD CONST



## SAMPLE INFORMATION

Sample Number	VCP413010	---	---	---
Sample Date	25 Oct 2023	---	---	---
Machine Hours	4269	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

### COWIN EQUIPMENT CO. INC.

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## OIL CONDITION

Visc @ 40°C	cSt	■ 39.5	---	---	---
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## CONTAMINATION

Silicon	ppm	■ 11	---	---	---
Sodium	ppm	■ 9	---	---	---
Potassium	ppm	■ 0	---	---	---



## WEAR METALS

Iron	ppm	■ 94	---	---	---
Copper	ppm	■ <1	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ 8	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 7	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	■ 3557	---	---	---
Magnesium	ppm	■ 12	---	---	---
Zinc	ppm	■ 1462	---	---	---
Phosphorus	ppm	■ 1153	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 138	---	---	---

## 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. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

**Depot:** ASCHUN  
**Unique No:** 10725322  
**Signed:** Sean Felton  
**Report Date:** 03 Nov 2023



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## GRAPHS

