



# CONSTRUCTION EQUIPMENT

SWO-069430 VOLVO L70H 624496 - REAR RIGHT FINAL DRIVE



**Sample No:** VCP431066  
**Oil Type:** {unknown}  
**Job No:** SWO-069430



## SAMPLE INFORMATION

Sample Number	VCP431066	---	---	---
Sample Date	06 Feb 2024	---	---	---
Machine Hours	1950	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

### SAIIA CONSTRUCTION LLC

4400 LEWISBURG RD  
BIRMINGHAM, AL  
US 35207

Contact: STEPHANI BRITTON  
sbritton@saiia.com;doug.bogart@wearcheck.com  
T: (205)943-2268  
F: (205)943-2269



## OIL CONDITION

Visc @ 40°C	cSt	■ 40.0	---	---	---
-------------	-----	--------	-----	-----	-----



## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 18	---	---	---
Sodium	ppm	■ 6	---	---	---
Potassium	ppm	■ 3	---	---	---



## WEAR METALS

Iron	ppm	■ 98	---	---	---
Copper	ppm	▲ 50	---	---	---
Lead	ppm	■ 1	---	---	---
Tin	ppm	■ 5	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ 5	---	---	---
Molybdenum	ppm	4	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	17	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	4054	---	---	---
Magnesium	ppm	13	---	---	---
Zinc	ppm	1691	---	---	---
Phosphorus	ppm	1392	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	139	---	---	---

## Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. The copper level is abnormal. All other 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:** SAIBIR  
**Unique No:** 10872518  
**Signed:** Don Baldrige  
**Report Date:** 12 Feb 2024



# CONSTRUCTION EQUIPMENT



## GRAPHS

