



# CONSTRUCTION EQUIPMENT

621307 VOLVO L220H 2061 - REAR AXLE



**Sample No:** VCP442774  
**Oil Type:** VOLVO WB 101  
**Job No:** 621307



## SAMPLE INFORMATION

Sample Number	VCP442774	---	---	---
Sample Date	21 Nov 2023	---	---	---
Machine Hours	16027	---	---	---
Oil Hours	4000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

## FERROUS PROCESSING AND TRADING

3400 E LAFAYETTE  
DETROIT, MI  
US 48207

Contact: KEITH HALL  
keith.hall@fpt1.com

T:  
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## OIL CONDITION

Visc @ 40°C	cSt	█ 40.6	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	12	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 0	---	---	---

## Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. There is a high amount of visible silt present in the sample. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.



## WEAR METALS

Iron	ppm	31	---	---	---
Copper	ppm	<1	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	1	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	<1	---	---	---



## ADDITIVES

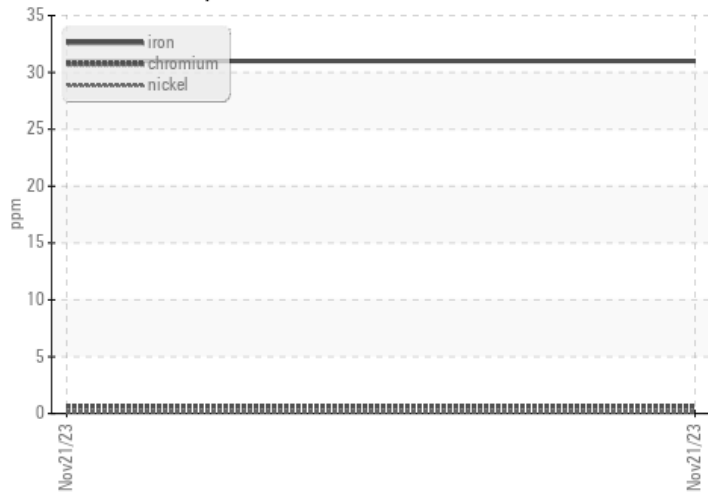
Calcium	ppm	3856	---	---	---
Magnesium	ppm	13	---	---	---
Zinc	ppm	1534	---	---	---
Phosphorus	ppm	1284	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	136	---	---	---

**Depot:** FERDET  
**Unique No:** 10765255  
**Signed:** Don Baldrige  
**Report Date:** 03 Dec 2023

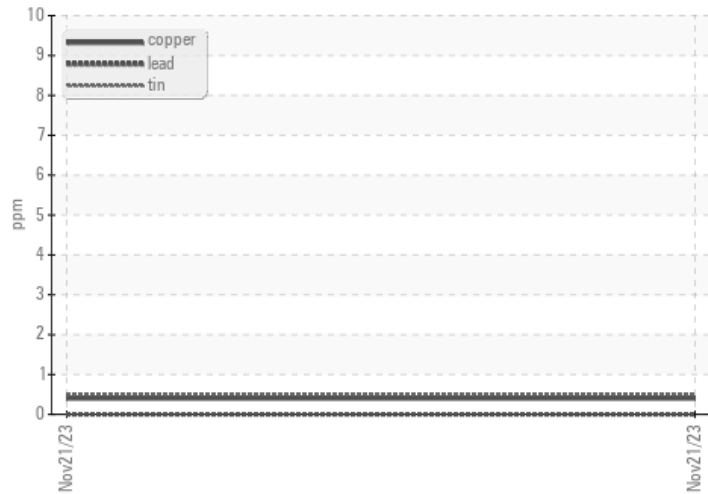


## GRAPHS

### Ferrous Alloys



### Non-ferrous Metals



### Viscosity @ 40°C

