



# CONSTRUCTION EQUIPMENT

5375DR IAA VOLVO L90H 623051 - REAR AXLE



**Sample No:** VCP428641  
**Oil Type:** VOLVO WB 102  
**Job No:** 5375DR IAA



## SAMPLE INFORMATION

Sample Number	VCP428641	---	---	---
Sample Date	04 Apr 2024	---	---	---
Machine Hours	14014	---	---	---
Oil Hours	2000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

**HIGHWAY EQUIPMENT & SUPPLY CO**  
 PO BOX 127  
 DRUMS, PA  
 US 18222  
 Contact: JUSTIN BLOSS  
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 T: (570)788-1127  
 F: (570)708-2933



## OIL CONDITION

Visc @ 40°C	cSt	45.5	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	19	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	<1	---	---	---

## 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	66	---	---	---
Copper	ppm	3	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	3	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	3	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	<1	---	---	---



## ADDITIVES

Calcium	ppm	3525	---	---	---
Magnesium	ppm	41	---	---	---
Zinc	ppm	1469	---	---	---
Phosphorus	ppm	1170	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	122	---	---	---

**Depot:** VOLVO0022  
**Unique No:** 10969506  
**Signed:** Don Baldrige  
**Report Date:** 13 Apr 2024

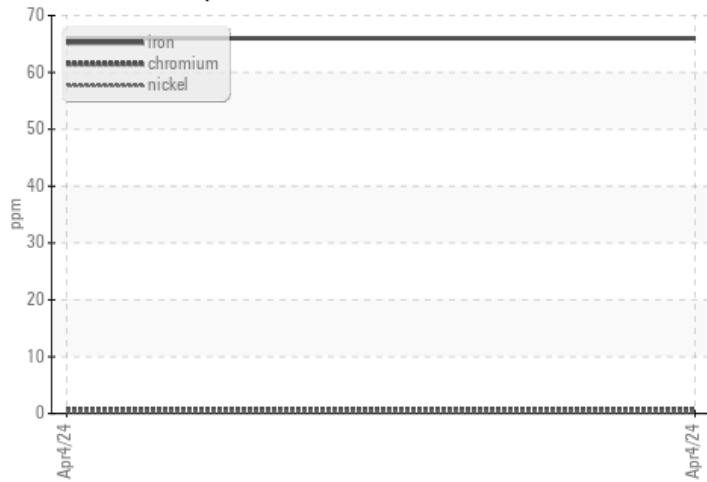


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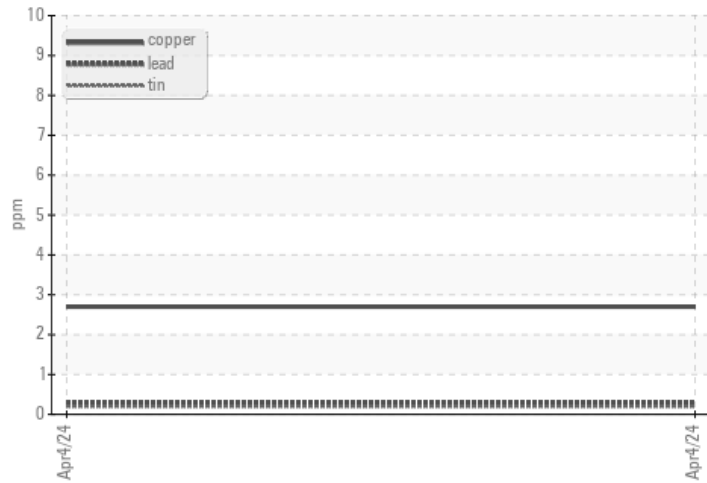


## GRAPHS

### Ferrous Alloys



### Non-ferrous Metals



### Viscosity @ 40°C

