



# CONSTRUCTION EQUIPMENT

HERC VOLVO A30G 752902 - HYDRAULIC SYSTEM



**Sample No:** VCP436014  
**Oil Type:** DIESEL ENGINE OIL SAE 15W40  
**Job No:** HERC



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC  
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## SAMPLE INFORMATION

Sample Number	VCP436014	---	---	---
Sample Date	11 Oct 2023	---	---	---
Machine Hours	1074	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---



## OIL CONDITION

Visc @ 40°C	cSt	43.5	---	---	---
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## CONTAMINATION

Water	%	▲ 0.260	---	---	---
Silicon	ppm	■ 5	---	---	---
Sodium	ppm	■ <1	---	---	---
Potassium	ppm	■ <1	---	---	---



## WEAR METALS

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



## ADDITIVES

Calcium	ppm	■ 30	---	---	---
Magnesium	ppm	■ 0	---	---	---
Zinc	ppm	■ 414	---	---	---
Phosphorus	ppm	■ 311	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 0	---	---	---

## Diagnosis

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 light concentration of water present in the fluid. The condition of the fluid is acceptable for the time in service.

**Depot:** VOLVO0093  
**Unique No:** 10739252  
**Signed:** Jonathan Hester  
**Report Date:** 15 Nov 2023

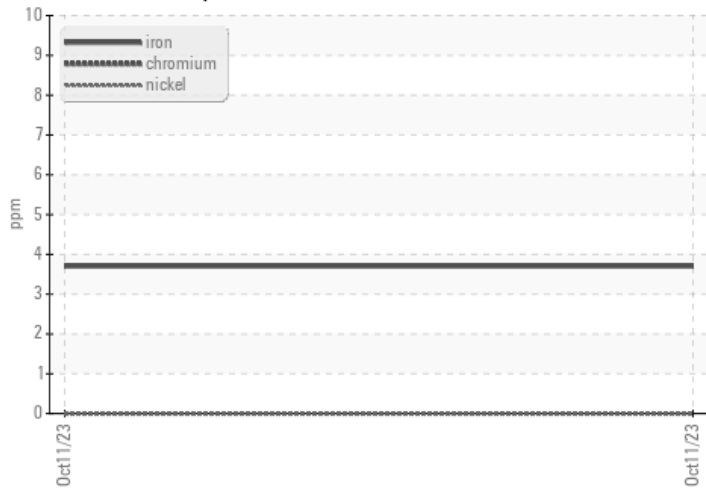


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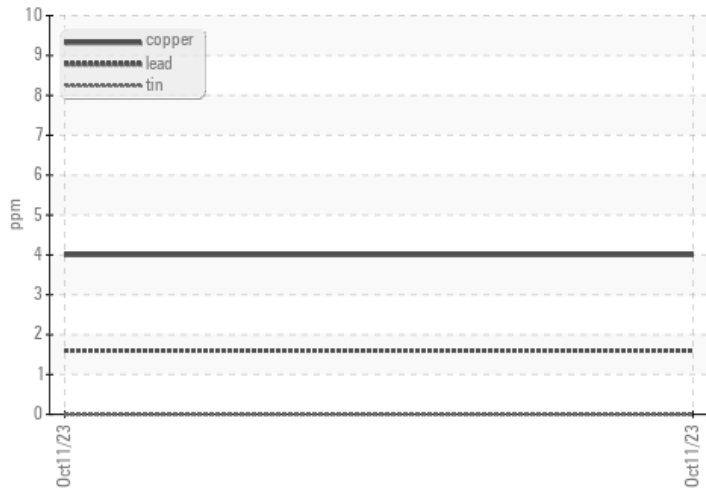


## GRAPHS

### Ferrous Alloys



### Non-ferrous Metals



### Viscosity @ 40°C



### Acid Number

