



# CONSTRUCTION EQUIPMENT

SWA456125-60 VOLVO A45G 342711 - REAR AXLE



**Sample No:** VCP446554  
**Oil Type:** VOLVO 140  
**Job No:** SWA456125-60



## SAMPLE INFORMATION

Sample Number	VCP446554	---	---	---
Sample Date	06 May 2024	---	---	---
Machine Hours	4486	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

**ALTA EQUIPMENT COMPANY**  
 5210 REESE ROAD  
 DAVIE, FL  
 US 33314  
 Contact: N. FACEY  
 nfacey@altaequipfl.com  
 T: (954)581-4744  
 F: (954)583-0318



## OIL CONDITION

Visc @ 40°C	cSt	301	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	14	---	---	---
Sodium	ppm	0	---	---	---
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 fluid. The condition of the fluid is acceptable for the time in service.



## WEAR METALS

Iron	ppm	145	---	---	---
Copper	ppm	2	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	2	---	---	---
Molybdenum	ppm	9	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	3	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	116	---	---	---
Magnesium	ppm	13	---	---	---
Zinc	ppm	69	---	---	---
Phosphorus	ppm	1020	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	184	---	---	---

**Depot:** VOLVO0095  
**Unique No:** 11018953  
**Signed:** Don Baldrige  
**Report Date:** 10 May 2024

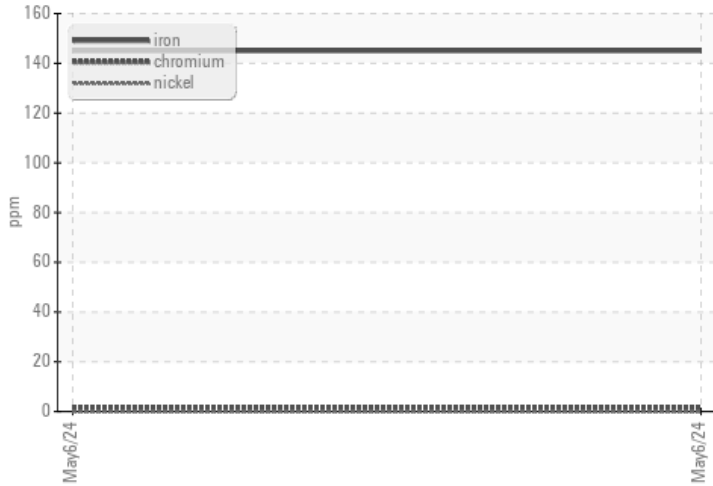


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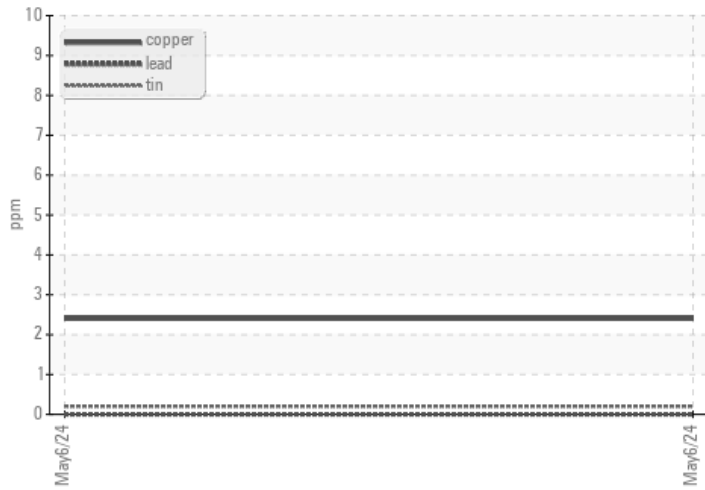


## GRAPHS

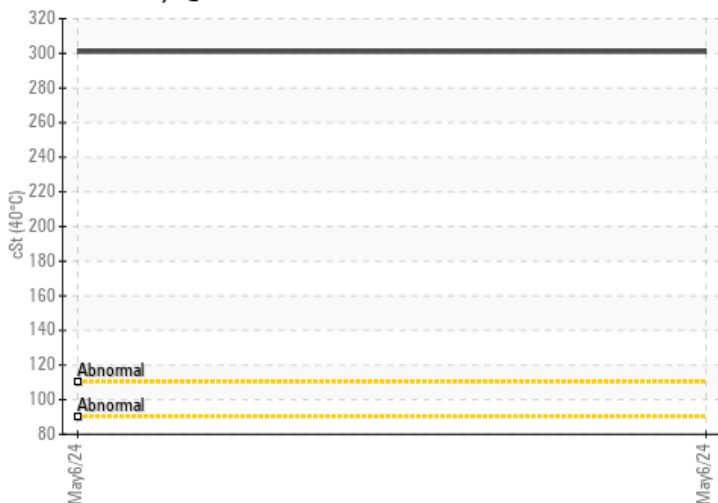
### Ferrous Alloys



### Non-ferrous Metals



### Viscosity @ 40°C



### Acid Number

