



# CONSTRUCTION EQUIPMENT

## 433110 STONE PLUS VOLVO L30G 3221516 - FRONT AXLE



**Sample No:** VCP431569  
**Oil Type:** GEAR OIL SAE 80W140  
**Job No:** 433110 STONE PLUS



### SAMPLE INFORMATION

Sample Number	<b>VCP431569</b>	VCP0006235	---	---
Sample Date	<b>16 Dec 2023</b>	21 Feb 2023	---	---
Machine Hours	<b>5442</b>	0	---	---
Oil Hours	<b>0</b>	0	---	---
Oil Changed	<b>Not Chngd</b>	N/A	---	---
Sample Status	<b>ABNORMAL</b>	NORMAL	---	---

### ALTA EQUIPMENT COMPANY

8750 PHILIPS HWY  
 JACKSONVILLE, FL  
 US 32256  
 Contact: SHAWN NORTHCRAFT  
 shawn.northcraft@altg.com  
 T: (904)737-6000  
 F: (904)737-1260



### OIL CONDITION

Visc @ 40°C	cSt	<b>296</b>	296	---	---
-------------	-----	------------	-----	-----	-----



### CONTAMINATION

Water	%	<b>NEG</b>	NEG	---	---
Silicon	ppm	<b>6</b>	5	---	---
Sodium	ppm	<b>&lt;1</b>	<1	---	---
Potassium	ppm	<b>0</b>	0	---	---



### WEAR METALS

Iron	ppm	<b>242</b>	187	---	---
Copper	ppm	<b>&lt;1</b>	0	---	---
Lead	ppm	<b>0</b>	0	---	---
Tin	ppm	<b>0</b>	0	---	---
Aluminum	ppm	<b>&lt;1</b>	<1	---	---
Chromium	ppm	<b>2</b>	2	---	---
Molybdenum	ppm	<b>0</b>	0	---	---
Nickel	ppm	<b>0</b>	0	---	---
Titanium	ppm	<b>0</b>	<1	---	---
Silver	ppm	<b>0</b>	0	---	---
Manganese	ppm	<b>5</b>	5	---	---
Vanadium	ppm	<b>&lt;1</b>	0	---	---



### ADDITIVES

Calcium	ppm	<b>68</b>	12	---	---
Magnesium	ppm	<b>&lt;1</b>	4	---	---
Zinc	ppm	<b>48</b>	20	---	---
Phosphorus	ppm	<b>1264</b>	983	---	---
Barium	ppm	<b>0</b>	0	---	---
Boron	ppm	<b>88</b>	120	---	---

### Diagnosis

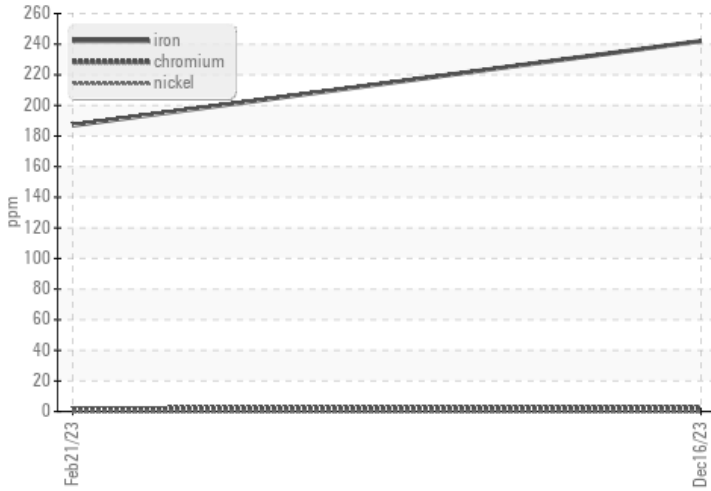
No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.

**Depot:** VOLVO0092  
**Unique No:** 10804176  
**Signed:** Jonathan Hester  
**Report Date:** 27 Dec 2023

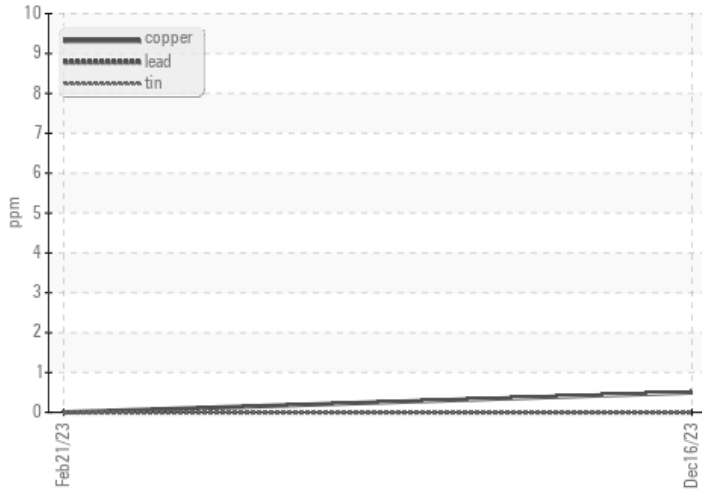


## GRAPHS

### Ferrous Alloys



### Non-ferrous Metals



### Viscosity @ 40°C

