



# CONSTRUCTION EQUIPMENT

## SPM565669 AMERICAN T VOLVO L60H 62214 - FRONT AXLE



**Sample No:** VCP423133  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** SPM565669 AMERICAN T



### SAMPLE INFORMATION

Sample Number	VCP423133	---	---	---
Sample Date	13 Jun 2023	---	---	---
Machine Hours	1046	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	ATTENTION	---	---	---

**ALTA EQUIPMENT CO - ORLAND PARK**  
 5000 INDUSTRIAL HWY  
 GARY, IN  
 US 46406  
 Contact: DAVE ENG  
 DAVE.ENG@ALTG.COM  
 T: (312)350-2560  
 F:



### OIL CONDITION

Visc @ 40°C	cSt	▲ 40.0	---	---	---
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### CONTAMINATION

Silicon	ppm	■ 13	---	---	---
Sodium	ppm	■ 11	---	---	---
Potassium	ppm	■ <1	---	---	---



### WEAR METALS

Iron	ppm	■ 96	---	---	---
Copper	ppm	■ 2	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ 4	---	---	---
Molybdenum	ppm	■ 3	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 6	---	---	---
Vanadium	ppm	0	---	---	---



### ADDITIVES

Calcium	ppm	■ 3510	---	---	---
Magnesium	ppm	■ 15	---	---	---
Zinc	ppm	■ 1473	---	---	---
Phosphorus	ppm	■ 1182	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 151	---	---	---

### 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 oil viscosity is lower than normal. Additive levels indicate the addition of a different brand, or type of oil. Confirm oil type.

**Depot:** VOLVO8885  
**Unique No:** 10548924  
**Signed:** Don Baldrige  
**Report Date:** 11 Jul 2023



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## GRAPHS

