



# CONSTRUCTION EQUIPMENT

ORIN 378054 VOLVO L70H 623508 - FRONT AXLE



**Sample No:** VCP394805  
**Oil Type:** GEAR OIL LS 80W90  
**Job No:** 378054



## SAMPLE INFORMATION

Sample Number	VCP394805	---	---	---
Sample Date	11 Sep 2023	---	---	---
Machine Hours	2840	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

### STRONGCO EQUIPMENT INC.

1640 ENTERPRISE ROAD  
 MISSISSAUGA, ON  
 CA L4W 4L4  
 Contact: Janice Cripps  
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 T: (905)565-3876  
 F: (905)670-2338



## OIL CONDITION

Visc @ 40°C	cSt	█ 112	---	---	---
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## CONTAMINATION

Silicon	ppm	█ 12	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ <1	---	---	---



## WEAR METALS

Iron	ppm	█ 120	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 4	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	█ 7	---	---	---
Vanadium	ppm	█ 0	---	---	---



## ADDITIVES

Calcium	ppm	█ 561	---	---	---
Magnesium	ppm	█ 7	---	---	---
Zinc	ppm	█ 226	---	---	---
Phosphorus	ppm	█ 1557	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 184	---	---	---

### Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL LS 80W90. Please confirm. 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.

**Depot:** SHEMIS  
**Unique No:** 5642939  
**Signed:** Wes Davis  
**Report Date:** 12 Sep 2023



# CONSTRUCTION EQUIPMENT



## GRAPHS

