



# CONSTRUCTION EQUIPMENT

SW1003910 GILA CONC VOLVO EC200EL 314540 - REAR RIGHT FINAL DRIVE



**Sample No:** VCP353843  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** SW1003910 GILA CONC



**ARNOLD MACHINERY COMPANY**  
 4323 EAST WINSLOW AVENUE  
 PHOENIX, AZ  
 US 85040  
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## SAMPLE INFORMATION

Sample Number	VCP353843	---	---	---
Sample Date	03 Jun 2022	---	---	---
Machine Hours	590	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



## OIL CONDITION

Visc @ 40°C	cSt	█ 162	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 11	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 3	---	---	---



## WEAR METALS

Iron	ppm	█ 571	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 7	---	---	---
Molybdenum	ppm	█ 1	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ 9	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	█ 10	---	---	---
Magnesium	ppm	█ <1	---	---	---
Zinc	ppm	█ 22	---	---	---
Phosphorus	ppm	█ 290	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ <1	---	---	---

## Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. Metal levels are typical for a new component breaking in. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

**Depot:** VOLVO6174  
**Unique No:** 10010332  
**Signed:** Don Baldrige  
**Report Date:** 13 Jun 2022



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## VOLVO GRAPHS

