



# CONSTRUCTION EQUIPMENT

SWA374776 HITACHI ZW550-6 005203 - REAR AXLE



**Sample No:** VCP441866  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** SWA374776



## SAMPLE INFORMATION

Sample Number	VCP441866	---	---	---
Sample Date	28 Sep 2023	---	---	---
Machine Hours	7035	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	NORMAL	---	---	---

**ALTA EQUIPMENT CO - ORLAND PARK**  
5000 INDUSTRIAL HWY  
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## OIL CONDITION

Visc @ 40°C	cSt	█ 194	---	---	---
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## CONTAMINATION

Silicon	ppm	█ 25	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 2	---	---	---

## 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 condition of the oil is acceptable for the time in service.



## WEAR METALS

Iron	ppm	█ 150	---	---	---
Copper	ppm	█ 5	---	---	---
Lead	ppm	█ 3	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 4	---	---	---
Vanadium	ppm	█ 0	---	---	---



## ADDITIVES

Calcium	ppm	█ 2318	---	---	---
Magnesium	ppm	█ 5	---	---	---
Zinc	ppm	█ 1376	---	---	---
Phosphorus	ppm	█ 858	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 66	---	---	---

**Depot:** VOLVO8885  
**Unique No:** 10673249  
**Signed:** Don Baldrige  
**Report Date:** 04 Oct 2023



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## GRAPHS

