



# CONSTRUCTION EQUIPMENT

SWO-063198 HITACHI ZW2206-005407 - REAR AXLE



**Sample No:** VCP424308  
**Oil Type:** NOT GIVEN  
**Job No:** SWO-063198



## SAMPLE INFORMATION

Sample Number	<b>VCP424308</b>	VCP402467	VCP337609	---
Sample Date	<b>26 Jun 2023</b>	21 Mar 2023	23 May 2022	---
Machine Hours	<b>2685</b>	2120	506	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>Not Chngd</b>	Changed	Not Chngd	---
Sample Status	<b>NORMAL</b>	ABNORMAL	NORMAL	---

### SAIIA CONSTRUCTION LLC

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## OIL CONDITION

Visc @ 40°C	cSt	<b>199</b>	140	143	---
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## CONTAMINATION

Silicon	ppm	<b>6</b>	15	9	---
Sodium	ppm	<b>&lt;1</b>	2	2	---
Potassium	ppm	<b>0</b>	<1	<1	---



## WEAR METALS

Iron	ppm	<b>160</b>	▲ 554	384	---
Copper	ppm	<b>0</b>	4	3	---
Lead	ppm	<b>0</b>	2	2	---
Tin	ppm	<b>&lt;1</b>	<1	<1	---
Aluminum	ppm	<b>&lt;1</b>	2	2	---
Chromium	ppm	<b>&lt;1</b>	5	3	---
Molybdenum	ppm	<b>&lt;1</b>	<1	<1	---
Nickel	ppm	<b>0</b>	0	0	---
Titanium	ppm	<b>0</b>	<1	<1	---
Silver	ppm	<b>0</b>	0	<1	---
Manganese	ppm	<b>2</b>	7	5	---
Vanadium	ppm	<b>0</b>	0	0	---



## ADDITIVES

Calcium	ppm	<b>3469</b>	3381	3325	---
Magnesium	ppm	<b>15</b>	15	12	---
Zinc	ppm	<b>1223</b>	1407	1331	---
Phosphorus	ppm	<b>999</b>	1418	1337	---
Barium	ppm	<b>0</b>	6	4	---
Boron	ppm	<b>0</b>	2	2	---

## Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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:** SAIBIR  
**Unique No:** 10536434  
**Signed:** Don Baldrige  
**Report Date:** 02 Jul 2023



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## GRAPHS

