



# CONSTRUCTION EQUIPMENT

## 579651 DIPRO CATERPILLAR 972M HLSJ02687 - REAR AXLE



**Sample No:** VCP414167  
**Oil Type:** CAT TDTO 30W  
**Job No:** 579651 DIPRO



### SAMPLE INFORMATION

Sample Number	<b>VCP414167</b>	VCP382970	---	---
Sample Date	<b>10 Jul 2023</b>	19 Jan 2023	---	---
Machine Hours	<b>14435</b>	12151	---	---
Oil Hours	<b>1000</b>	2000	---	---
Oil Changed	<b>Changed</b>	Changed	---	---
Sample Status	<b>NORMAL</b>	NORMAL	---	---

**ALTA EQUIPMENT COMPANY - METRO WEST**  
 56195 PONTIAC TRAIL  
 NEW HUDSON, MI  
 US 48165  
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### OIL CONDITION

Visc @ 40°C	cSt	<b>96.9</b>	88.7	---	---
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### CONTAMINATION

Silicon	ppm	<b>6</b>	2	---	---
Sodium	ppm	<b>1</b>	5	---	---
Potassium	ppm	<b>&lt;1</b>	22	---	---

### 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	<b>53</b>	26	---	---
Copper	ppm	<b>7</b>	2	---	---
Lead	ppm	<b>&lt;1</b>	4	---	---
Tin	ppm	<b>&lt;1</b>	1	---	---
Aluminum	ppm	<b>2</b>	<1	---	---
Chromium	ppm	<b>&lt;1</b>	1	---	---
Molybdenum	ppm	<b>&lt;1</b>	2	---	---
Nickel	ppm	<b>0</b>	<1	---	---
Titanium	ppm	<b>0</b>	<1	---	---
Silver	ppm	<b>0</b>	1	---	---
Manganese	ppm	<b>1</b>	<1	---	---
Vanadium	ppm	<b>0</b>	<1	---	---



### ADDITIVES

Calcium	ppm	<b>3280</b>	589	---	---
Magnesium	ppm	<b>13</b>	22	---	---
Zinc	ppm	<b>1398</b>	439	---	---
Phosphorus	ppm	<b>1116</b>	294	---	---
Barium	ppm	<b>0</b>	0	---	---
Boron	ppm	<b>3</b>	2	---	---

**Depot:** VOLVO2990  
**Unique No:** 10560323  
**Signed:** Wes Davis  
**Report Date:** 17 Jul 2023



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## GRAPHS

