



# CONSTRUCTION EQUIPMENT

A12927 CATERPILLAR 972M CAT972MCLSJ01980 - TRANSMISSION (MANUAL)



**Sample No:** VCP453672  
**Oil Type:** CAT TDTO TRANS-DRIVE SAE 30  
**Job No:** A12927



## SAMPLE INFORMATION

Sample Number	VCP453672	---	---	---
Sample Date	28 Jun 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

### GOURMETS DELIGHT

PO BOX 160  
AVONDALE, PA  
US 19311  
Contact: GABE VALENTINO  
gabe.valentino@gourmetsfinest.com  
T: (610)268-3578  
F: (610)268-2298



## OIL CONDITION

Visc @ 40°C	cSt	■ 93.7	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 4	---	---	---
Sodium	ppm	■ 4	---	---	---
Potassium	ppm	■ <1	---	---	---

### 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	■ 4	---	---	---
Copper	ppm	■ 5	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 0	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	■ 3091	---	---	---
Magnesium	ppm	■ 10	---	---	---
Zinc	ppm	■ 1302	---	---	---
Phosphorus	ppm	■ 1095	---	---	---
Barium	ppm	■ <1	---	---	---
Boron	ppm	■ 1	---	---	---

**Depot:** GOUAVO  
**Unique No:** 11111494  
**Signed:** Jonathan Hester  
**Report Date:** 08 Jul 2024

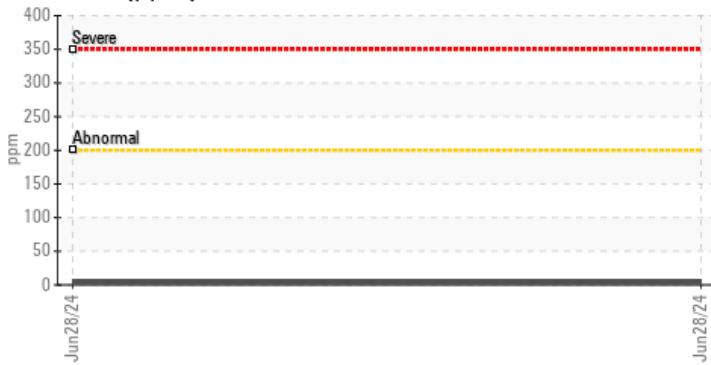


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## GRAPHS

### Iron (ppm)



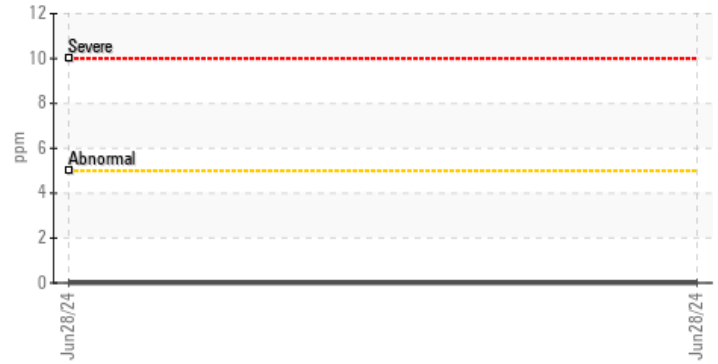
### Lead (ppm)



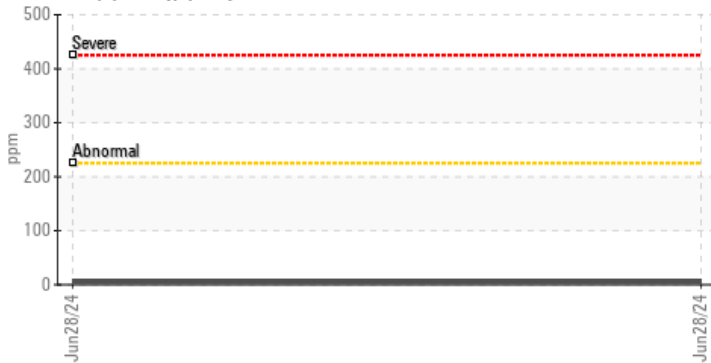
### Aluminum (ppm)



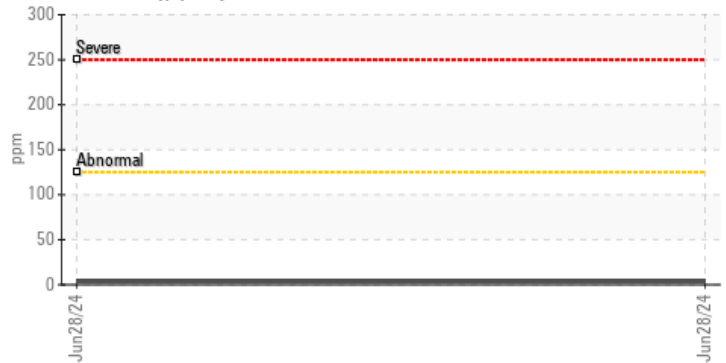
### Chromium (ppm)



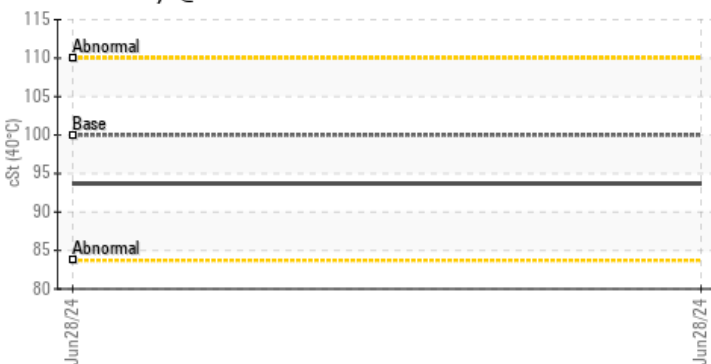
### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

