



CONSTRUCTION EQUIPMENT

646159 DIPRO CATERPILLAR 972 2686 - TRANSMISSION (MANUAL)



Sample No: VCP452301
Oil Type: CAT TDTO 30W
Job No: 646159 DIPRO



SAMPLE INFORMATION

Sample Number	VCP452301	VCP382972	---	---
Sample Date	28 Dec 2023	19 Jan 2023	---	---
Machine Hours	12902	10401	---	---
Oil Hours	2000	2000	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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

Visc @ 40°C	cSt	96.2	83.3	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	3	4	---	---
Sodium	ppm	0	2	---	---
Potassium	ppm	<1	0	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	17	16	---	---
Copper	ppm	20	32	---	---
Lead	ppm	0	4	---	---
Tin	ppm	0	2	---	---
Aluminum	ppm	2	<1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	0	1	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	0	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3193	3052	---	---
Magnesium	ppm	10	23	---	---
Zinc	ppm	1320	1240	---	---
Phosphorus	ppm	1067	995	---	---
Barium	ppm	0	0	---	---
Boron	ppm	<1	6	---	---

Depot: VOLVO2990
Unique No: 10823017
Signed: Wes Davis
Report Date: 11 Jan 2024



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GRAPHS

