



CONSTRUCTION EQUIPMENT

646159 DIPRO CATERPILLAR 972 2686 - REAR AXLE



Sample No: VCP452311
Oil Type: CAT TDTO 30W
Job No: 646159 DIPRO



SAMPLE INFORMATION

Sample Number	VCP452311	VCP403879	---	---
Sample Date	28 Dec 2023	19 Jan 2023	---	---
Machine Hours	12902	10401	---	---
Oil Hours	500	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	99.7	90.0	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	6	2	---	---
Sodium	ppm	0	6	---	---
Potassium	ppm	1	23	---	---

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	60	21	---	---
Copper	ppm	9	1	---	---
Lead	ppm	0	4	---	---
Tin	ppm	0	1	---	---
Aluminum	ppm	2	0	---	---
Chromium	ppm	<1	1	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	0	<1	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	3068	714	---	---
Magnesium	ppm	11	20	---	---
Zinc	ppm	1313	458	---	---
Phosphorus	ppm	1075	284	---	---
Barium	ppm	0	0	---	---
Boron	ppm	0	<1	---	---

Depot: VOLVO2990
Unique No: 10822956
Signed: Wes Davis
Report Date: 11 Jan 2024



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GRAPHS

