



CONSTRUCTION EQUIPMENT

579651 DIPRO CATERPILLAR 972M HLSJ02687 - FRONT AXLE



Sample No: VCP414166
Oil Type: CAT TDTO 30W
Job No: 579651 DIPRO



SAMPLE INFORMATION

Sample Number	VCP414166	VCP382969	---	---
Sample Date	10 Jul 2023	19 Jan 2023	---	---
Machine Hours	14435	12151	---	---
Oil Hours	1000	2000	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ABNORMAL	NORMAL	---	---

ALTA EQUIPMENT COMPANY - METRO WEST
56195 PONTIAC TRAIL
NEW HUDSON, MI
US 48165
Contact: PAUL CONZ
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T: (313)348-8861
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OIL CONDITION

Visc @ 40°C	cSt	92.8	88.4	---	---
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CONTAMINATION

Water	%	0.231	---	---	---
Silicon	ppm	15	3	---	---
Sodium	ppm	9	5	---	---
Potassium	ppm	2	23	---	---



WEAR METALS

Iron	ppm	1110	75	---	---
Copper	ppm	80	4	---	---
Lead	ppm	<1	4	---	---
Tin	ppm	2	1	---	---
Aluminum	ppm	10	<1	---	---
Chromium	ppm	6	1	---	---
Molybdenum	ppm	3	1	---	---
Nickel	ppm	3	1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	1	---	---
Manganese	ppm	12	<1	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	3273	502	---	---
Magnesium	ppm	20	24	---	---
Zinc	ppm	1381	355	---	---
Phosphorus	ppm	1140	270	---	---
Barium	ppm	0	0	---	---
Boron	ppm	7	0	---	---

Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. Bearing and/or gear wear is indicated. There is a light concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO2990
Unique No: 10560321
Signed: Don Baldrige
Report Date: 17 Jul 2023

VOLVO **GRAPHS**

