



CONSTRUCTION EQUIPMENT

595821 DIPRO CATERPILLAR 972M HLSJ02687 - TRANSMISSION (MANUAL)



Sample No: VCP431158
Oil Type: VOLVO SUPER TRANSMISSION OIL SAE 30
Job No: 595821 DIPRO



SAMPLE INFORMATION

Sample Number	VCP431158	VCP414164	VCP382849	---
Sample Date	25 Sep 2023	10 Jul 2023	18 Jan 2023	---
Machine Hours	15087	14435	12151	---
Oil Hours	1000	1000	2000	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	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	96.4	88.6	62.1	---
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CONTAMINATION

Silicon	ppm	5	4	6	---
Sodium	ppm	1	2	4	---
Potassium	ppm	0	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	8	13	29	---
Copper	ppm	5	20	73	---
Lead	ppm	<1	2	10	---
Tin	ppm	0	1	4	---
Aluminum	ppm	2	2	2	---
Chromium	ppm	0	0	<1	---
Molybdenum	ppm	<1	0	<1	---
Nickel	ppm	0	<1	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	<1	---
Manganese	ppm	<1	<1	<1	---
Vanadium	ppm	<1	<1	0	---



ADDITIVES

Calcium	ppm	2947	3119	3058	---
Magnesium	ppm	14	8	13	---
Zinc	ppm	1276	1301	1222	---
Phosphorus	ppm	1028	1041	1000	---
Barium	ppm	0	2	0	---
Boron	ppm	2	8	27	---

Depot: VOLVO2990
Unique No: 10674633
Signed: Wes Davis
Report Date: 04 Oct 2023



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GRAPHS

