



CONSTRUCTION EQUIPMENT

700877 DIPRO CATERPILLAR 982M 2686 - TRANSMISSION (MANUAL)



Sample No: VCP446954
Oil Type: CAT TDTO 30W
Job No: 700877 DIPRO



SAMPLE INFORMATION

Sample Number	VCP446954	VCP442419	VCP452301	VCP382972
Sample Date	18 Apr 2024	29 Feb 2024	28 Dec 2023	19 Jan 2023
Machine Hours	14054	16558	12902	10401
Oil Hours	2000	0	2000	2000
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	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	99.8	85.6	96.2	83.3
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	6	5	3	4
Sodium	ppm	<1	<1	0	2
Potassium	ppm	2	1	<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	15	9	17	16
Copper	ppm	6	4	20	32
Lead	ppm	1	<1	0	4
Tin	ppm	1	<1	0	2
Aluminum	ppm	3	2	2	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	<1	0	0	1
Nickel	ppm	<1	0	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	0	0	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	3088	2554	3193	3052
Magnesium	ppm	10	8	10	23
Zinc	ppm	1250	1068	1320	1240
Phosphorus	ppm	910	901	1067	995
Barium	ppm	1	0	0	0
Boron	ppm	4	3	<1	6

Depot: VOLVO2990
Unique No: 11002569
Signed: Wes Davis
Report Date: 29 Apr 2024



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GRAPHS

