



CONSTRUCTION EQUIPMENT

D12467 WM A-1 MORGAN VOLVO L70H 624717 - TRANSMISSION (AUTO)



Sample No: VCP381280
Oil Type: VOLVO AT 102
Job No: D12467 WM A-1 MORGAN



SAMPLE INFORMATION

Sample Number	VCP381280	VCP419536	VCP407376	VCP381332
Sample Date	28 Jun 2023	24 May 2023	17 Apr 2023	09 Mar 2023
Machine Hours	2570	2349	2217	1865
Oil Hours	2570	2349	2217	1865
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ARING EQUIPMENT COMPANY INC - MAIN (MILWAUKEE)
13001 W SILVERE SPRING DR
BUTLER, WI
US 53007
Contact: GLENN OTTENBACHER
gottenbacher@aring.com
T: (262)282-0715
F: (262)781-5053



OIL CONDITION

Visc @ 40°C	cSt	27.3	27.1	27.4	27.5
-------------	-----	-------------	------	------	------



CONTAMINATION

Silicon	ppm	9	8	10	8
Sodium	ppm	4	4	2	<1
Potassium	ppm	2	2	2	3

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	78	72	76	64
Copper	ppm	10	9	10	9
Lead	ppm	0	0	0	0
Tin	ppm	<1	0	0	<1
Aluminum	ppm	2	0	0	3
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	<1	<1	1	1
Nickel	ppm	<1	0	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	8	8	8	7
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	87	102	85	88
Magnesium	ppm	2	5	4	4
Zinc	ppm	30	34	32	29
Phosphorus	ppm	210	209	195	187
Barium	ppm	0	0	0	0
Boron	ppm	76	77	78	64

Depot: VOLVO0069
Unique No: 10546448
Signed: Wes Davis
Report Date: 06 Jul 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

