



CONSTRUCTION EQUIPMENT

D12894 WM VOLVO L70H 624717 - TRANSMISSION (AUTO)



Sample No: VCP429533
Oil Type: VOLVO AT 102
Job No: D12894 WM



SAMPLE INFORMATION

Sample Number	VCP429533	VCP418997	VCP418957	VCP381280
Sample Date	19 Oct 2023	11 Sep 2023	04 Aug 2023	28 Jun 2023
Machine Hours	3224	2966	2770	2570
Oil Hours	3224	396	2770	2570
Oil Changed	Not Chngd	Changed	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
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OIL CONDITION

Visc @ 40°C	cSt	27.2	27.3	27.2	27.3
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CONTAMINATION

Silicon	ppm	9	10	8	9
Sodium	ppm	4	6	<1	4
Potassium	ppm	1	1	0	2

Diagnosis

Resample at the next service interval to monitor. Please note that this is a corrected copy for data entry updates. 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	80	74	78
Copper	ppm	11	11	7	10
Lead	ppm	0	0	0	0
Tin	ppm	0	<1	0	<1
Aluminum	ppm	1	2	<1	2
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	<1	0	0	<1
Nickel	ppm	0	<1	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	8	8	7	8
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	84	89	82	87
Magnesium	ppm	2	5	1	2
Zinc	ppm	35	31	0	30
Phosphorus	ppm	187	212	196	210
Barium	ppm	<1	1	0	0
Boron	ppm	63	71	68	76

Depot: VOLVO0069
Unique No: 10711078
Signed: Don Baldrige
Report Date: 27 Oct 2023



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GRAPHS

