



CONSTRUCTION EQUIPMENT

D12689 VOLVO L70H 624717 - TRANSMISSION (AUTO)



Sample No: VCP418997
Oil Type: VOLVO AT 102
Job No: D12689



SAMPLE INFORMATION

Sample Number	VCP418997	VCP418957	VCP381280	VCP419536
Sample Date	11 Sep 2023	04 Aug 2023	28 Jun 2023	24 May 2023
Machine Hours	2966	2770	2570	2349
Oil Hours	396	2770	2570	2349
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ARING EQUIPMENT COMPANY INC - MAIN (MILWAUKEE)
 13001 W SILVERE SPRING DR
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 US 53007
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OIL CONDITION

Visc @ 40°C	cSt	27.3	27.2	27.3	27.1
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CONTAMINATION

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

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	80	74	78	72
Copper	ppm	11	7	10	9
Lead	ppm	0	0	0	0
Tin	ppm	<1	0	<1	0
Aluminum	ppm	2	<1	2	0
Chromium	ppm	<1	<1	<1	0
Molybdenum	ppm	0	0	<1	<1
Nickel	ppm	<1	0	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	8	7	8	8
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	89	82	87	102
Magnesium	ppm	5	1	2	5
Zinc	ppm	31	0	30	34
Phosphorus	ppm	212	196	210	209
Barium	ppm	1	0	0	0
Boron	ppm	71	68	76	77

Depot: VOLVO0069
Unique No: 10647785
Signed: Wes Davis
Report Date: 18 Sep 2023

VOLVO GRAPHS

