



CONSTRUCTION EQUIPMENT

VOLVO L180H 5035 - TRANSMISSION (AUTO)



Sample No: VCP422332
Oil Type: VOLVO AT 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP422332	VCP401244	VCP412018	VCP415992
Sample Date	05 Dec 2023	24 Oct 2023	16 Aug 2023	20 Jun 2023
Machine Hours	12241	11898	11420	11050
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	ABNORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	28.1	28.49	28.5	28.7
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	4	3	3
Sodium	ppm	3	0	1	0
Potassium	ppm	0	2	0	<1

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	8	10	7	6
Copper	ppm	3	3	<1	<1
Lead	ppm	0	0	0	<1
Tin	ppm	0	<1	0	0
Aluminum	ppm	0	1	<1	0
Chromium	ppm	<1	<1	0	0
Molybdenum	ppm	0	<1	0	0
Nickel	ppm	0	<1	0	<1
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	0	<1	0
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	71	87	77	69
Magnesium	ppm	<1	0	0	0
Zinc	ppm	0	0	0	0
Phosphorus	ppm	195	200	211	191
Barium	ppm	0	0	0	0
Boron	ppm	95	89	98	119

Depot: VOLVO0090
Unique No: 10780839
Signed: Don Baldrige
Report Date: 14 Dec 2023



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VOLVO GRAPHS

