



CONSTRUCTION EQUIPMENT

VOLVO L180H 5035 - TRANSMISSION (AUTO)



Sample No: VCP412018
Oil Type: VOLVO AT 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP412018	VCP415992	VCP336278	VCP337367
Sample Date	16 Aug 2023	20 Jun 2023	17 Sep 2021	16 Aug 2021
Machine Hours	11420	11050	6743	6535
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	28.5	28.7	26.6	26.6
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CONTAMINATION

Silicon	ppm	3	3	3	3
Sodium	ppm	1	0	2	1
Potassium	ppm	0	<1	0	<1



WEAR METALS

Iron	ppm	7	6	20	19
Copper	ppm	<1	<1	4	4
Lead	ppm	0	<1	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	0	1	0
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	0	0	<1	<1
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	0	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	77	69	99	113
Magnesium	ppm	0	0	3	3
Zinc	ppm	0	0	9	<1
Phosphorus	ppm	211	191	160	175
Barium	ppm	0	0	0	0
Boron	ppm	98	119	69	76

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.

Depot: VOLVO0090
Unique No: 10616470
Signed: Wes Davis
Report Date: 23 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

