



CONSTRUCTION EQUIPMENT

661396 VOLVO L110H 631024 - TRANSMISSION (AUTO)



Sample No: VCP454191
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 661396



SAMPLE INFORMATION

Sample Number	VCP454191	VCP405085	VCP379841	VCP355010
Sample Date	10 Feb 2024	18 Apr 2023	02 Nov 2022	20 Sep 2022
Machine Hours	10869	9834	9345	9223
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

HUBBARD CONSTRUCTION
 303 WEST LANDSTREET ROAD
 ORLANDO, FL
 US 32824
 Contact: RAY BIRKO
 ray.birko@hubbard.com
 T: (407)855-3535
 F: (407)857-1282



OIL CONDITION

Visc @ 40°C	cSt	28.0	28.1	28.5	28.5
-------------	-----	-------------	------	------	------



CONTAMINATION

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

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	28	12	10	11
Copper	ppm	2	<1	1	1
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	2	1	<1	<1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	<1	0	<1	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	78	71	69	77
Magnesium	ppm	2	2	<1	1
Zinc	ppm	0	<1	0	8
Phosphorus	ppm	235	186	195	191
Barium	ppm	12	0	0	0
Boron	ppm	90	89	91	87

Depot: HUBORL
Unique No: 10876620
Signed: Jonathan Hester
Report Date: 16 Feb 2024



CONSTRUCTION EQUIPMENT



GRAPHS

