



CONSTRUCTION EQUIPMENT

SWA275711-10 VOLVO L70H 623404 - TRANSMISSION (AUTO)



Sample No: VCP397107
Oil Type: VOLVO AT 102
Job No: SWA275711-10



SAMPLE INFORMATION

Sample Number	VCP397107	VCP367615	VCP342781	VCP322242
Sample Date	09 Jun 2023	15 Dec 2022	15 Aug 2022	16 May 2022
Machine Hours	8270	7328	6731	6283
Oil Hours	0	1000	500	2000
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

DENALI WE CARE

400 TORNE RD
 HILLBURN, NY
 US 10931
 Contact: Service Manager



OIL CONDITION

Visc @ 40°C	cSt	36.2	32.5	31.7	35.8
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T:
 F:



CONTAMINATION

Silicon	ppm	8	10	8	13
Sodium	ppm	<1	2	<1	5
Potassium	ppm	0	1	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 oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	58	69	42	78
Copper	ppm	81	24	23	41
Lead	ppm	0	0	<1	<1
Tin	ppm	0	0	<1	<1
Aluminum	ppm	<1	<1	2	2
Chromium	ppm	<1	<1	0	<1
Molybdenum	ppm	5	7	5	11
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	4
Manganese	ppm	<1	2	1	3
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	834	640	590	1326
Magnesium	ppm	120	70	50	108
Zinc	ppm	426	303	262	633
Phosphorus	ppm	502	388	355	581
Barium	ppm	0	<1	0	0
Boron	ppm	96	94	92	111

Depot: DENHIL
Unique No: 10605125
Signed: Sean Felton
Report Date: 16 Aug 2023



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GRAPHS

