



CONSTRUCTION EQUIPMENT

LKQ CLEARWATER VOLVO L90H 624244 - TRANSMISSION (AUTO)



Sample No: VCP435819
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: LKQ CLEARWATER



SAMPLE INFORMATION

Sample Number	VCP435819	VCP411075	VCP367152	---
Sample Date	25 Sep 2023	17 Apr 2023	08 Sep 2022	---
Machine Hours	9048	8410	7244	---
Oil Hours	0	4000	500	---
Oil Changed	Not Chngd	Changed	Not Chngd	---
Sample Status	NORMAL	ABNORMAL	NORMAL	---

ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
 8418 PALM RIVER ROAD
 TAMPA, FL
 US 33619
 Contact: KENNY HANEY
 khaney@flaglerce.com
 T: (813)630-0077
 F: (813)630-2233



OIL CONDITION

Visc @ 40°C	cSt	27.6	27.1	28.7	---
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CONTAMINATION

Silicon	ppm	4	79	3	---
Sodium	ppm	4	4	<1	---
Potassium	ppm	<1	5	0	---

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	20	217	33	---
Copper	ppm	5	9	1	---
Lead	ppm	0	<1	0	---
Tin	ppm	0	<1	<1	---
Aluminum	ppm	0	5	1	---
Chromium	ppm	0	2	<1	---
Molybdenum	ppm	0	<1	<1	---
Nickel	ppm	0	<1	0	---
Titanium	ppm	<1	<1	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	1	4	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	47	88	74	---
Magnesium	ppm	0	9	<1	---
Zinc	ppm	9	68	6	---
Phosphorus	ppm	127	187	183	---
Barium	ppm	0	0	0	---
Boron	ppm	65	39	89	---

Depot: VOLVO0093
Unique No: 10714554
Signed: Wes Davis
Report Date: 30 Oct 2023



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VOLVO GRAPHS

