



CONSTRUCTION EQUIPMENT

VOLVO L70H 624689 - TRANSMISSION (AUTO)



Sample No: VCP454805
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No:



SAMPLE INFORMATION

Sample Number	VCP454805	VCP371362	---	---
Sample Date	01 May 2024	23 Oct 2023	---	---
Machine Hours	3009	2462	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	ABNORMAL	NORMAL	---	---

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 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
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OIL CONDITION

Visc @ 40°C	cSt	█ 28.6	█ 29.4	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 6	█ 6	---	---
Sodium	ppm	█ 5	█ 3	---	---
Potassium	ppm	█ 2	█ 2	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Moderate concentration of visible metal present. 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	█ 53	█ 52	---	---
Copper	ppm	█ 13	█ 10	---	---
Lead	ppm	█ 2	█ 0	---	---
Tin	ppm	█ 2	█ 0	---	---
Aluminum	ppm	█ 2	█ 2	---	---
Chromium	ppm	█ 1	█ <1	---	---
Molybdenum	ppm	█ <1	█ 0	---	---
Nickel	ppm	█ <1	█ <1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	█ 0	█ 0	---	---
Manganese	ppm	█ 6	█ 6	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	75	█ 76	---	---
Magnesium	ppm	█ <1	█ 1	---	---
Zinc	ppm	█ 105	█ 94	---	---
Phosphorus	ppm	█ 224	█ 209	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 37	█ 44	---	---

Depot: VOLVO0090
Unique No: 11016445
Signed: Jonathan Hester
Report Date: 08 May 2024



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GRAPHS

