



CONSTRUCTION EQUIPMENT

B BLAIR VOLVO A30G 60110 - TRANSMISSION (AUTO)



Sample No: VCP349900
Oil Type: VOLVO AT 102
Job No: B BLAIR



SAMPLE INFORMATION

Sample Number	VCP349900	VCP449074	---	---
Sample Date	02 May 2024	15 Mar 2024	---	---
Machine Hours	40	16101	---	---
Oil Hours	40	0	---	---
Oil Changed	N/A	Not Changd	---	---
Sample Status	NORMAL	ABNORMAL	---	---

HIGHWAY EQUIPMENT AND SUPPLY CO
 200 BURKHOLDER DR.
 EPHRATA, PA
 US 17522
 Contact: RANDY BRYINGTON
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 T:
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OIL CONDITION

Visc @ 40°C	cSt	█ 30.6	█ 29.0	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 5	█ 10	---	---
Sodium	ppm	█ 18	█ 3	---	---
Potassium	ppm	█ 15	█ 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	█ 6	█ 82	---	---
Copper	ppm	█ 8	▲ 265	---	---
Lead	ppm	█ 27	█ 14	---	---
Tin	ppm	█ 4	▲ 28	---	---
Aluminum	ppm	█ 2	█ 13	---	---
Chromium	ppm	█ <1	█ 0	---	---
Molybdenum	ppm	█ 1	1	---	---
Nickel	ppm	█ <1	█ 0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	█ <1	█ 0	---	---
Manganese	ppm	█ 1	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	71	418	---	---
Magnesium	ppm	█ 2	11	---	---
Zinc	ppm	█ 35	140	---	---
Phosphorus	ppm	█ 186	242	---	---
Barium	ppm	█ 0	0	---	---
Boron	ppm	█ 59	47	---	---

Depot: INSEPH
Unique No: 11016441
Signed: Jonathan Hester
Report Date: 08 May 2024



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GRAPHS

