



CONSTRUCTION EQUIPMENT

VULCAN VOLVO A40G 352031 - TRANSMISSION (AUTO)



Sample No: VCP384554
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: VULCAN



SAMPLE INFORMATION

Sample Number	VCP384554	VCP351387	---	---
Sample Date	02 Apr 2024	06 Apr 2022	---	---
Machine Hours	6766	4126	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	ABNORMAL	NORMAL	---	---

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 1231 BRIDGESTONE PARKWAY
 LAVERGNE, TN
 US 37086
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OIL CONDITION

Visc @ 40°C	cSt	█ 26.9	█ 26.6	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 8	█ 5	---	---
Sodium	ppm	█ 8	█ 3	---	---
Potassium	ppm	█ 3	█ 2	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The nickel level is abnormal. The tin level is abnormal. 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	█ 27	---	---
Copper	ppm	█ 99	█ 55	---	---
Lead	ppm	█ 1	█ <1	---	---
Tin	ppm	▲ 12	█ 6	---	---
Aluminum	ppm	█ 30	█ 14	---	---
Chromium	ppm	█ <1	█ 0	---	---
Molybdenum	ppm	█ <1	█ <1	---	---
Nickel	ppm	▲ 18	█ 6	---	---
Titanium	ppm	█ <1	0	---	---
Silver	ppm	█ <1	█ 0	---	---
Manganese	ppm	█ 3	█ 1	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	█ 89	█ 85	---	---
Magnesium	ppm	█ 2	█ <1	---	---
Zinc	ppm	5	0	---	---
Phosphorus	ppm	█ 189	█ 163	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 67	█ 75	---	---

Depot: VOLV00129
Unique No: 10963741
Signed: Don Baldrige
Report Date: 06 Apr 2024



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VOLVO GRAPHS

