



CONSTRUCTION EQUIPMENT

A10540 VOLVO A40G 342316 - TRANSMISSION (AUTO)



Sample No: VCP411872
Oil Type: MOBIL AT 102
Job No: A10540



SAMPLE INFORMATION

Sample Number	VCP411872	VCP335651	VCP308592	---
Sample Date	06 Jul 2023	09 Sep 2021	20 Apr 2021	---
Machine Hours	5600	4315	0	---
Oil Hours	1000	2000	0	---
Oil Changed	Not Changed	Changed	N/A	---
Sample Status	ABNORMAL	NORMAL	NORMAL	---

K C CONSTRUCTION

1737 STOUT DRIVE
 IVYLAND, PA
 US 18974
 Contact: DUKE D.
 duked@kcconstruct.com
 T: (267)784-7337
 F: x:



OIL CONDITION

Visc @ 40°C	cSt	28.4	29.6	29.9	---
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CONTAMINATION

Silicon	ppm	4	5	2	---
Sodium	ppm	3	3	5	---
Potassium	ppm	2	2	<1	---



WEAR METALS

Iron	ppm	20	25	22	---
Copper	ppm	16	26	18	---
Lead	ppm	<1	1	0	---
Tin	ppm	2	2	2	---
Aluminum	ppm	10	9	7	---
Chromium	ppm	0	<1	0	---
Molybdenum	ppm	2	6	6	---
Nickel	ppm	2	2	2	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	<1	<1	---
Manganese	ppm	1	<1	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	143	231	213	---
Magnesium	ppm	8	16	16	---
Zinc	ppm	40	93	91	---
Phosphorus	ppm	216	222	220	---
Barium	ppm	0	0	0	---
Boron	ppm	76	62	75	---

Diagnosis

The filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: KCCIVY
Unique No: 10560403
Signed: Don Baldrige
Report Date: 18 Jul 2023



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GRAPHS

