



CONSTRUCTION EQUIPMENT

VOLVO A40G 352787 - TRANSMISSION (AUTO)



Sample No: VCP444347
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No:



SAMPLE INFORMATION

Sample Number	VCP444347	VCP417606	VCP424478	VCP386099
Sample Date	09 Feb 2024	25 Aug 2023	17 May 2023	13 Sep 2022
Machine Hours	5200	4246	6249	2439
Oil Hours	0	2000	0	500
Oil Changed	Not Changd	Changed	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

RIPA AND ASSOCIATES
 10149 FISHER AVENUE
 TAMPA, FL
 US 33619
 Contact: PM Services
 PMServices@ripaconstruction.com
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	29.3	28.5	28.7	28.2
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	5	4	6
Sodium	ppm	0	1	2	3
Potassium	ppm	0	1	2	<1

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	0	20	13	15
Copper	ppm	0	11	6	10
Lead	ppm	0	0	0	<1
Tin	ppm	<1	2	<1	2
Aluminum	ppm	0	11	5	8
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	<1	0	<1
Nickel	ppm	0	2	<1	2
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	84	73	72	75
Magnesium	ppm	11	1	3	2
Zinc	ppm	25	3	0	4
Phosphorus	ppm	197	193	197	181
Barium	ppm	0	0	0	0
Boron	ppm	93	91	104	79

Depot: RIPTAM
Unique No: 10996243
Signed: Wes Davis
Report Date: 26 Apr 2024



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VOLVO GRAPHS

