



CONSTRUCTION EQUIPMENT

VOLVO G430 525303 - TRANSMISSION (AUTO)



Sample No: VCP411772
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No:



SAMPLE INFORMATION

Sample Number	VCP411772	VCP354662	VCP363008	---
Sample Date	11 Sep 2023	14 Jul 2022	22 Jun 2022	---
Machine Hours	2485	0	2306	---
Oil Hours	100	0	6	---
Oil Changed	Not Chngd	Not Chngd	Not Chngd	---
Sample Status	ABNORMAL	ABNORMAL	NORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	24.5	27.8	28.0	---
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CONTAMINATION

Silicon	ppm	9	13	10	---
Sodium	ppm	2	4	2	---
Potassium	ppm	3	4	8	---

Diagnosis

No corrective action is recommended at this time. We recommend an early resample to monitor this condition. The iron level is abnormal. All other 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	230	130	45	---
Copper	ppm	1	2	3	---
Lead	ppm	<1	0	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	3	2	0	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	<1	<1	<1	---
Nickel	ppm	0	0	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	<1	---
Manganese	ppm	5	2	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	95	169	143	---
Magnesium	ppm	2	2	2	---
Zinc	ppm	26	48	41	---
Phosphorus	ppm	144	203	195	---
Barium	ppm	0	0	0	---
Boron	ppm	59	73	77	---

Depot: VOLVO9010
Unique No: 10658510
Signed: Don Baldrige
Report Date: 22 Sep 2023



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GRAPHS

