



CONSTRUCTION EQUIPMENT

VOLVO L220G 12026 - TRANSMISSION (AUTO)



Sample No: VCP156717
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No:



SAMPLE INFORMATION

Sample Number	VCP156717	VCP168291	VCP239008	VCP142174
Sample Date	15 Feb 2024	07 Apr 2023	15 Feb 2019	18 Sep 2014
Machine Hours	18000	17051	12145	4473
Oil Hours	0	1000	0	0
Oil Changed	Not Chngd	Changed	N/A	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

A.C. FUELS C/O PANTHER CREEK
 4 DENNISON ROAD
 NESQUEHONING, PA
 US 18240
 Contact: SERVICE MANAGER



OIL CONDITION

Visc @ 40°C	cSt	28.3	28.1	26.96	23.58
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T:
F:



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	2	2	5
Sodium	ppm	0	2	8	10
Potassium	ppm	0	0	2	<1

Diagnosis

Resample at the next service interval to monitor.No evidence of visible metal present. 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	115	141	108	92
Copper	ppm	2	2	6	16
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	<1	1
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	0	3	0	0
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	1	<1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	78	131	136	168
Magnesium	ppm	4	13	0	0
Zinc	ppm	7	17	34	32
Phosphorus	ppm	191	227	172	377
Barium	ppm	0	0	0	0
Boron	ppm	83	90	73	85

Depot: ACFNES
Unique No: 10887407
Signed: Sean Felton
Report Date: 22 Feb 2024



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VOLVO GRAPHS

