



CONSTRUCTION EQUIPMENT

G08826 VOLVO A40D 70043 - TRANSMISSION (AUTO)



Sample No: VCP453764
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: G08826



SAMPLE INFORMATION

Sample Number	VCP453764	VCP383595	VCP238751	VCP232589
Sample Date	22 May 2024	02 Nov 2022	17 Jul 2019	29 Jan 2019
Machine Hours	15722	14041	0	11200
Oil Hours	0	0	0	0
Oil Changed	N/A	N/A	N/A	Not Changd
Sample Status	NORMAL	ABNORMAL	NORMAL	NORMAL

BLenheim CONSTRUCTION
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OIL CONDITION

Visc @ 40°C	cSt	26.8	28.15	31.6	28.98
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	3	3	3
Sodium	ppm	5	6	11	10
Potassium	ppm	2	<1	8	0

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	20	37	28	26
Copper	ppm	201	344	275	198
Lead	ppm	3	3	2	1
Tin	ppm	10	17	13	10
Aluminum	ppm	8	9	5	4
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	1	3	7	6
Nickel	ppm	0	0	0	<1
Titanium	ppm	<1	<1	<1	<1
Silver	ppm	<1	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	122	202	521	536
Magnesium	ppm	15	51	110	117
Zinc	ppm	35	101	216	222
Phosphorus	ppm	209	212	328	329
Barium	ppm	0	0	0	0
Boron	ppm	89	71	75	79

Depot: BLECAM
Unique No: 11056609
Signed: Wes Davis
Report Date: 30 May 2024



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GRAPHS

