



CONSTRUCTION EQUIPMENT

A09192 VOLVO A30G 740078 - TRANSMISSION (AUTO)



Sample No: VCP365690
Oil Type: MOBIL AT 102
Job No: A09192



SAMPLE INFORMATION

Sample Number	VCP365690	VCP288987	VCP226838	VCP188497
Sample Date	10 Nov 2022	04 Nov 2020	23 Jan 2019	04 Aug 2017
Machine Hours	4945	3630	2650	1950
Oil Hours	1000	2000	1000	1950
Oil Changed	Not Changd	Changed	Not Changd	Changed
Sample Status	ABNORMAL	NORMAL	ABNORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	26.0	28.8	29.46	29.07
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CONTAMINATION

Silicon	ppm	8	6	10	13
Sodium	ppm	6	16	18	7
Potassium	ppm	3	2	9	0

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the fluid. 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	21	29	22	32
Copper	ppm	22	33	23	59
Lead	ppm	<1	<1	1	1
Tin	ppm	4	5	3	5
Aluminum	ppm	16	13	14	24
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	3	5	4	0
Nickel	ppm	3	6	4	8
Titanium	ppm	<1	<1	<1	0
Silver	ppm	0	<1	0	0
Manganese	ppm	1	2	2	6
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	231	451	421	172
Magnesium	ppm	14	26	15	0
Zinc	ppm	64	142	134	9
Phosphorus	ppm	226	334	295	266
Barium	ppm	2	0	0	0
Boron	ppm	86	101	84	79

Depot: KCCIVY
Unique No: 10227384
Signed: Sean Felton
Report Date: 21 Nov 2022



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VOLVO GRAPHS

