



CONSTRUCTION EQUIPMENT

A11511 VOLVO A30D 74083 - TRANSMISSION (AUTO)



Sample No: VCP434165
Oil Type: MOBIL AT 102
Job No: A11511



SAMPLE INFORMATION

Sample Number	VCP434165	VCP427162	VCP356376	VCP308443
Sample Date	20 Nov 2023	27 Jun 2023	06 May 2022	10 May 2021
Machine Hours	13990	13545	12906	12290
Oil Hours	1000	500	0	1000
Oil Changed	Changed	Not Changd	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

DYER QUARRY
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OIL CONDITION

Visc @ 40°C	cSt	28.3	25.7	27.4	27.7
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	3	2	3
Sodium	ppm	2	1	0	8
Potassium	ppm	1	2	1	<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	7	7	7	34
Copper	ppm	121	82	65	129
Lead	ppm	0	0	<1	12
Tin	ppm	6	4	3	3
Aluminum	ppm	6	5	3	4
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	0	<1	<1	5
Nickel	ppm	<1	0	0	0
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	0	<1	0	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	71	71	88	452
Magnesium	ppm	2	0	4	107
Zinc	ppm	0	0	5	307
Phosphorus	ppm	190	189	171	416
Barium	ppm	0	0	0	0
Boron	ppm	84	103	80	70

Depot: DYEBIR
Unique No: 10765338
Signed: Don Baldrige
Report Date: 03 Dec 2023



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VOLVO GRAPHS

