



CONSTRUCTION EQUIPMENT

A08851 VOLVO A30G 740076 - TRANSMISSION (AUTO)



Sample No: VCP239277
Oil Type: MOBIL AT 102
Job No: A08851



SAMPLE INFORMATION

Sample Number	VCP239277	VCP288627	VCP228840	VCP194164
Sample Date	18 Sep 2022	29 Oct 2020	28 Jun 2018	03 Aug 2017
Machine Hours	5485	4280	2760	2170
Oil Hours	1000	2000	1000	2170
Oil Changed	Not Chngd	Changed	Not Chngd	Changed
Sample Status	ABNORMAL	NORMAL	NORMAL	NORMAL

K C CONSTRUCTION
 1737 STOUT DRIVE
 IVYLAND, PA
 US 18974
 Contact: DUKE D.
 duked@kcconstruct.com
 T: (267)784-7337
 F: x:



OIL CONDITION

Visc @ 40°C	cSt	28.1	28.7	30.38	28.8
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CONTAMINATION

Silicon	ppm	5	7	7	13
Sodium	ppm	8	17	18	8
Potassium	ppm	2	4	4	2

Diagnosis

The filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	29	34	20	37
Copper	ppm	24	35	24	62
Lead	ppm	0	4	0	<1
Tin	ppm	4	6	0	5
Aluminum	ppm	9	14	10	23
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	3	5	<1	0
Nickel	ppm	2	5	4	8
Titanium	ppm	<1	<1	<1	0
Silver	ppm	<1	<1	0	0
Manganese	ppm	2	2	2	6
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	506	483	393	157
Magnesium	ppm	13	16	15	0
Zinc	ppm	155	155	129	4
Phosphorus	ppm	288	321	296	247
Barium	ppm	0	<1	<1	0
Boron	ppm	89	88	74	79

Depot: KCCIVY
Unique No: 10142037
Signed: Jonathan Hester
Report Date: 22 Sep 2022



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GRAPHS

