



CONSTRUCTION EQUIPMENT

SWA276465 RANGO VOLVO A45G 352403 - TRANSMISSION (AUTO)



Sample No: VCP407612
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: SWA276465 RANGO



SAMPLE INFORMATION

Sample Number	VCP407612	VCP387232	VCP385538	VCP371568
Sample Date	02 Jun 2023	07 Feb 2023	11 Nov 2022	06 Jul 2022
Machine Hours	6060	5055	4478	3984
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Not Changd	Changed
Sample Status	NORMAL	ABNORMAL	ABNORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	29.2	29.4	29.7	28.1
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CONTAMINATION

Silicon	ppm	4	4	4	4
Sodium	ppm	0	1	3	2
Potassium	ppm	2	1	0	0



WEAR METALS

Iron	ppm	19	23	17	15
Copper	ppm	41	39	40	37
Lead	ppm	0	0	0	<1
Tin	ppm	4	4	4	5
Aluminum	ppm	5	8	9	10
Chromium	ppm	0	0	<1	0
Molybdenum	ppm	2	3	3	<1
Nickel	ppm	6	5	6	6
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	0	<1
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	113	131	146	74
Magnesium	ppm	29	41	52	<1
Zinc	ppm	56	67	72	5
Phosphorus	ppm	193	244	294	175
Barium	ppm	0	0	0	0
Boron	ppm	88	86	89	98

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO5055
Unique No: 10589888
Signed: Don Baldrige
Report Date: 09 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

