



CONSTRUCTION EQUIPMENT

SWA311393 RENTAL VOLVO A45G 342479 - TRANSMISSION (AUTO)



Sample No: VCP409153
Oil Type: VOLVO AT 102
Job No: SWA311393 RENTAL



SAMPLE INFORMATION

Sample Number	VCP409153	VCP401394	VCP387214	VCP364832
Sample Date	28 Jul 2023	15 Mar 2023	27 Oct 2022	24 Aug 2022
Machine Hours	9012	7800	6690	6068
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Not Changd
Sample Status	NORMAL	ABNORMAL	NORMAL	NORMAL

ALTA CONSTRUCTION EQUIPMENT
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OIL CONDITION

Visc @ 40°C	cSt	29.2	29.2	29.48	29.4
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CONTAMINATION

Silicon	ppm	3	11	3	3
Sodium	ppm	0	2	2	<1
Potassium	ppm	2	1	0	0



WEAR METALS

Iron	ppm	24	35	27	17
Copper	ppm	12	13	11	7
Lead	ppm	0	0	0	0
Tin	ppm	2	2	2	1
Aluminum	ppm	6	9	9	5
Chromium	ppm	0	<1	0	0
Molybdenum	ppm	2	3	2	2
Nickel	ppm	1	1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	0	2
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	107	133	123	116
Magnesium	ppm	24	34	39	37
Zinc	ppm	40	67	47	59
Phosphorus	ppm	201	262	248	225
Barium	ppm	0	0	0	0
Boron	ppm	97	81	81	99

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: 10589885
Signed: Don Baldrige
Report Date: 09 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

