



CONSTRUCTION EQUIPMENT

SWO-063670 VOLVO A60 A60H 340126 - TRANSMISSION



Sample No: VCP412703
Oil Type: NOT GIVEN
Job No: SWO-063670



SAMPLE INFORMATION

Sample Number	VCP412703	VCP401988	VCP397698	VCP381499
Sample Date	11 Jul 2023	10 Apr 2023	20 Jan 2023	19 Oct 2022
Machine Hours	8645	8117	7659	7148
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Changed	Not Changd
Sample Status	ATTENTION	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

4400 LEWISBURG RD
 BIRMINGHAM, AL
 US 35207

Contact: STEPHANI BRITTON
 sbritton@saiia.com;doug.bogart@wearcheck.com
 T: (205)943-2268
 F: (205)943-2269



OIL CONDITION

Visc @ 40°C	cSt	▲ 51.1	75.7	■ 74.9	■ 76.5
-------------	-----	---------------	------	--------	--------



CONTAMINATION

Silicon	ppm	■ 6	■ 7	■ 9	■ 8
Sodium	ppm	■ 2	■ 2	■ 2	■ 2
Potassium	ppm	■ 1	■ 0	■ 4	■ 0



WEAR METALS

Iron	ppm	■ 10	■ 8	■ 17	■ 12
Copper	ppm	■ 22	■ 3	■ 9	■ 7
Lead	ppm	■ 0	■ 0	■ 0	■ 0
Tin	ppm	■ <1	■ 0	■ <1	■ 0
Aluminum	ppm	■ 2	■ <1	■ 3	■ 2
Chromium	ppm	■ <1	■ 0	■ <1	■ 0
Molybdenum	ppm	23	■ 33	30	27
Nickel	ppm	<1	<1	2	2
Titanium	ppm	0	0	<1	0
Silver	ppm	■ 15	■ 16	■ 42	■ 2
Manganese	ppm	<1	■ <1	<1	1
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	1133	■ 1612	1766	1696
Magnesium	ppm	302	■ 416	378	377
Zinc	ppm	716	■ 957	1099	1100
Phosphorus	ppm	701	■ 840	998	929
Barium	ppm	0	■ 0	0	0
Boron	ppm	95	■ 91	127	115

Diagnosis

Oil and filter change at the time of sampling has been noted. 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 fluid viscosity is lower than normal. Confirm oil type.

Depot: SAIBIR
Unique No: 10560406
Signed: Angela Borella
Report Date: 20 Jul 2023



CONSTRUCTION EQUIPMENT



GRAPHS

