

WEAR	
CONTAMINATION	
FLUID CONDITION	NORMAL

Machine Id VOLVO L180H 005445 Component Transmission (Auto) Fluid VOLVO AT 102 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

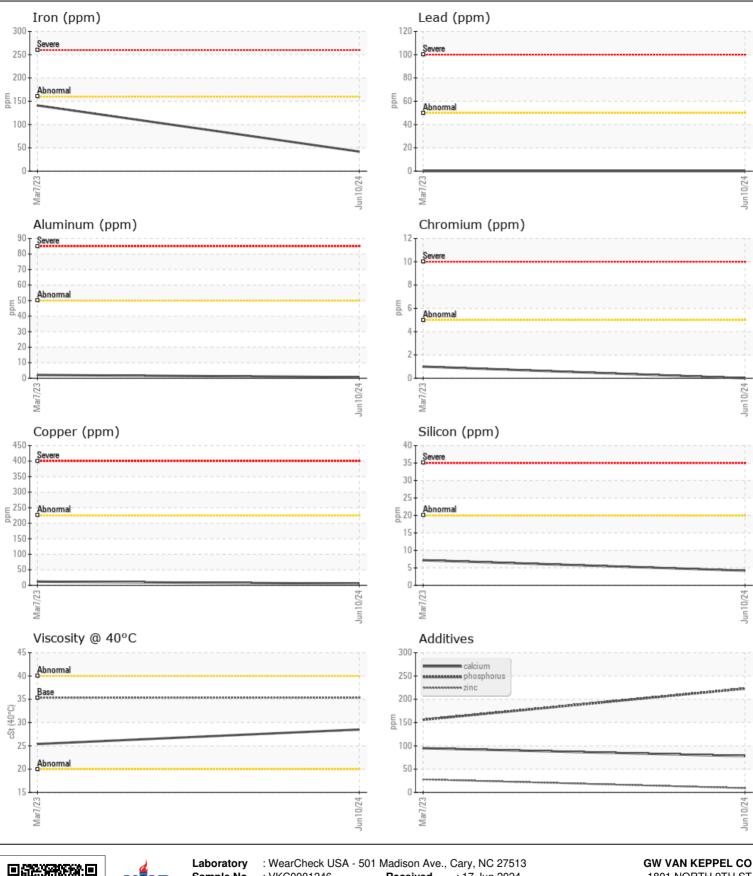
There is no indication of any contamination in the oil.

FLUID CONDITION

The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		VKC0001246	VKC0000789	
Sample Date		Client Info		10 Jun 2024	07 Mar 2023	
Machine Age	hrs	Client Info		7919	4968	
Oil Age	hrs	Client Info		0	1000	
Filter Age	hrs	Client Info		0	1000	
Oil Changed		Client Info		Not Changd	Not Changd	
Filter Changed		Client Info		N/A	Changed	
Sample Status				NORMAL	NORMAL	
Iron		ASTM D5185m	>160	42	141	
Chromium	ppm	ASTM D5185m	>100	42 0	1	
Nickel	ppm	ASTM D5185m	>0 >5	۰ <1	<1	
Titanium	ppm	ASTM D5185m	>0	0	0	
Silver	ppm	ASTM D5185m	>5	0	0	
	ppm			0 <1	2	
Aluminum Lead	ppm	ASTM D5185m ASTM D5185m	>50 >50	<1 0	0	
	ppm			5	12	
Copper Tin	ppm	ASTM D5185m ASTM D5185m	>225	5 0		
Vanadium	ppm		>10	0	0	
White Metal	ppm	ASTM D5185m *Visual	NONE	-	NONE	
	scalar			NONE		
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
Silicon	ppm	ASTM D5185m	>20	4	7	
Potassium	ppm	ASTM D5185m	>20	2	2	
Water		WC Method	>0.1	NEG	NEG	
Silt	scalar	*Visual	NONE	NONE	NONE	
Debris	scalar	*Visual	NONE	NONE	VLITE	
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	
Appearance	scalar	*Visual	NORML	NORML	NORML	
Odor	scalar	*Visual	NORML	NORML	NORML	
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	
Sodium		ASTM D5185m		4	5	
Boron	ppm	ASTM D5185m	187	78	49	
Barium	ppm	ASTM D5185m	0.0	0	3	
Molybdenum	ppm	ASTM D5185m	0.0	0	<1	
Manganese	ppm	ASTM D5185m	0.0	2	5	
Magnesium	ppm	ASTM D5185m	6.8	2	2	
Calcium	ppm	ASTM D5185m	0.0 215	2 78	95	
Phosphorus	ppm	ASTM D5185m	445	223	156	
Zinc	ppm ppm	ASTM D5185m	44J 56	9	28	
Sulfur		ASTM D5185m	1336	2318	2032	
Sullui	ppm	ASTIVI D'STOSIII	1330	2310	2032	

Contact/Location: PAT SAUSE - GWVKAN



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 **GW VAN KEPPEL CO** Sample No. Received 1801 NORTH 9TH ST : VKC0001246 : 17 Jun 2024 Lab Number : 06212693 Tested KANSAS CITY, KS : 18 Jun 2024 Unique Number : 11085557 : 19 Jun 2024 - Angela Borella US 66110 Diagnosed Test Package : MOBCE Contact: PAT SAUSE Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. psause@vankeppel.com * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (913)281-4815

Contact/Location: PAT SAUSE - GWVKAN Page 2 of 2