



# ASCENDUM

## OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id  
**VOLVO L70H 623179**  
Component  
**Transmission (Auto)**  
Fluid  
**DEXRON III (--- GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		ASC0006145	VCP299610	---
Sample Date		Client Info		21 Dec 2023	04 Jan 2021	---
Machine Age	hrs	Client Info		10435	5321	---
Oil Age	hrs	Client Info		10435	0	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Changed	Not Changd	---
Filter Changed		Client Info		Changed	Not Changd	---
Sample Status				NORMAL	NORMAL	---

### WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>160	69	92	---
Chromium	ppm	ASTM D5185m	>5	<1	<1	---
Nickel	ppm	ASTM D5185m	>5	<1	0	---
Titanium	ppm	ASTM D5185m		0	0	---
Silver	ppm	ASTM D5185m	>5	0	0	---
Aluminum	ppm	ASTM D5185m	>50	3	2	---
Lead	ppm	ASTM D5185m	>50	0	2	---
Copper	ppm	ASTM D5185m	>225	9	11	---
Tin	ppm	ASTM D5185m	>10	0	0	---
Vanadium	ppm	ASTM D5185m		0	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

### CONTAMINATION

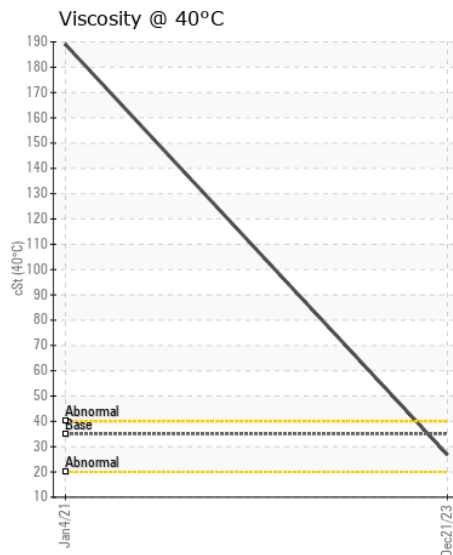
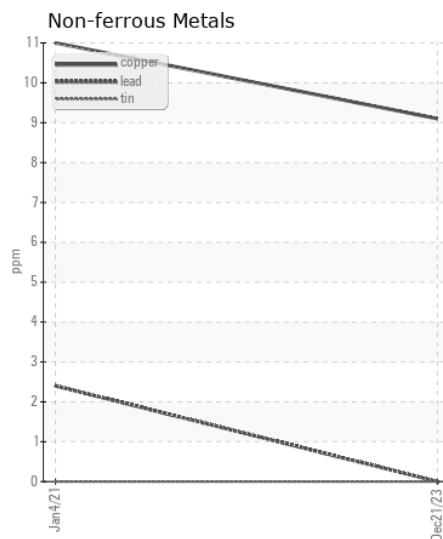
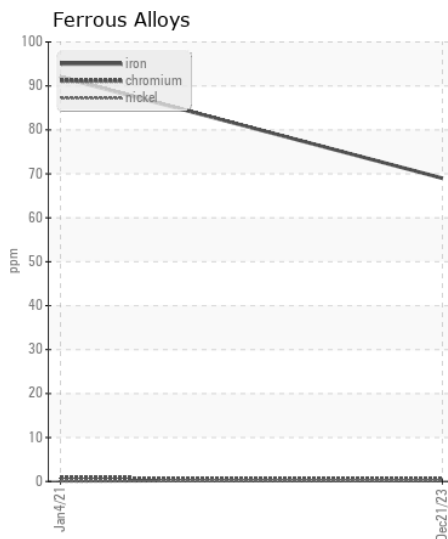
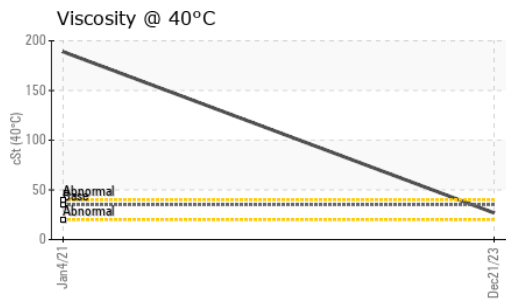
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>20	7	10	---
Potassium	ppm	ASTM D5185m	>20	1	0	---
Water		WC Method	>0.1	NEG	NEG	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	NONE	---
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	---

### FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		6	6	---
Boron	ppm	ASTM D5185m		61	50	---
Barium	ppm	ASTM D5185m		0	2	---
Molybdenum	ppm	ASTM D5185m		<1	<1	---
Manganese	ppm	ASTM D5185m		4	8	---
Magnesium	ppm	ASTM D5185m		10	2	---
Calcium	ppm	ASTM D5185m		119	96	---
Phosphorus	ppm	ASTM D5185m		212	160	---
Zinc	ppm	ASTM D5185m		36	42	---
Sulfur	ppm	ASTM D5185m		1344	1697	---
Visc @ 40°C	cSt	ASTM D445	35.0	26.8	189	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : ASC0006145 **Received** : 11 Jan 2024  
**Lab Number** : 06058500 **Diagnosed** : 14 Jan 2024  
**Unique Number** : 10829882 **Diagnostician** : Don Baldrige  
**Test Package** : CONST

**ATLAS ORGANICS**  
 2115 EAST CLUB BLVD  
 DURHAM, NC  
 US 27704  
 Contact: Service Manager

To discuss this sample report, contact Customer Service at 1-800-237-1369.

\* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

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