

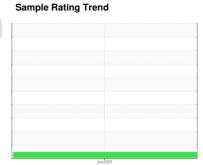
OIL ANALYSIS REPORT



ME-301 VOLVO L350F 1961

Component Front Differential

SHELL Spirax S4 CX 30 (--- GAL)





Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

There is no indication of any contamination in the

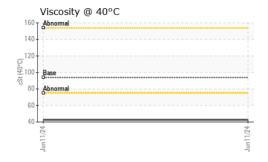
Fluid Condition

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

0 (GAL)		<u>-</u>		Jun 2024		
SAMPLE INFOR	RMATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0928252		
Sample Date		Client Info		11 Jun 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
CONTAMINATIO	ON	method	limit/base	current	history1	history2
Water		WC Method	>.2	NEG		
WEAR METALS		method	limit/base	current	history1	history2
ron	ppm	ASTM D5185m	>500	30		
Chromium	ppm	ASTM D5185m	>10	1		
Vickel	ppm	ASTM D5185m	>10	<1		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>25	2		
_ead	ppm	ASTM D5185m	>25	<1		
Copper	ppm	ASTM D5185m	>100	8		
Tin	ppm	ASTM D5185m	>100	<1		
√anadium	ppm	ASTM D5185m	-10	<1		
Cadmium	ppm	ASTM D5185m		<1		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		140		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		<1		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		16		
Calcium	ppm	ASTM D5185m		4311		
		ASTM D5185m		1354		
Phosphorus	ppm					
Zinc	ppm	ASTM D5185m		1838		
Sulfur	ppm	ASTM D5185m		4682		
CONTAMINANT	S	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>75	12		
Sodium	ppm	ASTM D5185m		2		
Potassium	ppm	ASTM D5185m	>20	1		
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
Precipitate	scalar	*Visual	NONE	NONE		
Silt	scalar	*Visual	NONE	MODER		
Debris	scalar	*Visual	NONE	NONE		
Sand/Dirt	scalar	*Visual	NONE	NONE		
Appearance	scalar	*Visual	NORML	NORML		
Odor	scalar	*Visual	NORML	NORML		
Emulsified Water	scalar	*Visual	>.2	NEG		
Free Water	scalar	*Visual		NEG		
:59:08) Rev: 1	Journal	VISUAI			Submitted By: N	olan Mundwille

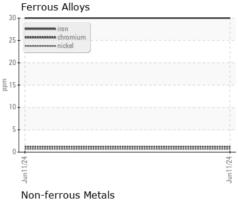


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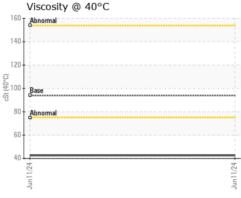




GRAPHS



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	5	Jun11/2





Certificate 12367

Sample No.

: WC0928252 Lab Number : 06212138 Unique Number : 11085002

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received **Tested**

: 19 Jun 2024 Diagnosed Test Package : CONST (Additional Tests: PQ)

: 19 Jun 2024 - Don Baldridge

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

: 17 Jun 2024

US 53954 Contact: Sean Lyons sean.lyons@coviacorp.com T: (507)514-2204

COVIA - PORTAGE - 021

N6082 US HWY 51

PARDEEVILLE, WI

* - 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)