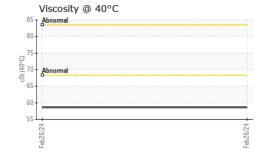
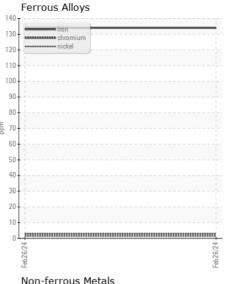
WEAR CONTAMINATION FLUID CONDITION **NORMAL NORMAL NORMAL**

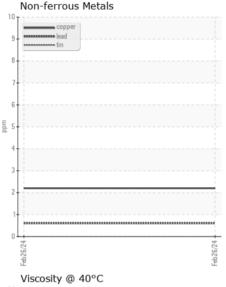
Area [W/O 10396] **VOLVO A30G 742580**

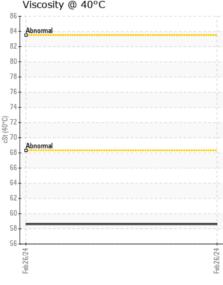


Sample Number Client Info Sample Number Client Info Sample Date Client Info Sample Date Client Info Sample Number Client Info O Changed Client Info Changed Client	VOLVO SUPER GEAR OIL 75V	V-00-GO 102 (ZGA	-				
Sample Date Client Info 26 Feb 2024 Machine Age hrs Client Info 4055 Oil Age hrs Client Info 4055 Oil Changed hrs Client Info 0 Oil Changed Client Info Changed Filter Changed Client Info Changed Filter Changed Client Info Changed Filter Changed Client Info Changed Nickel pm ASTM DS185m >500 134 Ohromium ppm ASTM DS185m >20 3 Titanium ppm ASTM DS185m >10 1 Silver ppm ASTM DS185m >10 1 Aluminum ppm ASTM DS185m >30 27 Lead ppm ASTM DS185m >30 27 Copper ppm ASTM DS185m >30 2 Vanadium ppm ASTM DS185m >30 2 Vanadium ppm ASTM DS185m >20 <1 Vanadium ppm ASTM DS185m >30 2 Vanadium ppm ASTM DS185m >20 <1 Vanadium ppm ASTM DS185m >20 <1 Valer Visual NONE NONE Oborts Scalar Visual NONE NONE Oborts Scalar Visual NONE NONE Opera Scalar Visual NONE NONE Opera Scalar Visual NONE NONE Opera Scalar Visual NONE NONE	RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Date Client Info 26 Feb 2024	Resample at the next service interval to monitor.	Sample Number		Client Info		ML0000061		
Oil Age		Sample Date		Client Info		26 Feb 2024		
Filter Age		Machine Age	hrs	Client Info		4055		
Oil Changed Client Info Changed Client Info Changed N/A N/		Oil Age	hrs	Client Info		4055		
Filter Changed Sample Status NORMAL		Filter Age	hrs	Client Info		0		
VEAR Iron		Oil Changed		Client Info		Changed		
Iron		Filter Changed		Client Info		N/A		
Chromium ppm ASTM D5185m >20 3 Nickel ppm ASTM D5185m >10 1 Titanium ppm ASTM D5185m >10 1 Silver ppm ASTM D5185m >0 Aluminum ppm ASTM D5185m >0 Aluminum ppm ASTM D5185m >30 27 Lead ppm ASTM D5185m >30 21 Copper ppm ASTM D5185m >30 2 Tin ppm ASTM D5185m >20 <1 Vanadium ppm ASTM D5185m >20 6 Water WC Method >0.2 NEG Silt scalar Visual NONE NONE Silt scalar Visual NONE NONE Silt scalar Visual NONE NONE Appearance scalar Visual NONE NONE Appearance scalar Visual NORML NORML NORML NORML NORML NORML NORML NORML NORML Emulsified Water scalar Visual NORML NORML NORML Che condition of the oil is acceptable for the time in service. Boron ppm ASTM D5185m 2 2 Molybdenum ppm ASTM D5185m 2 2 ASTM D5185m 2 2 ASTM D5185m 2 2 Condition of the oil is acceptable for the time in service.		Sample Status				NORMAL		
Chromium ppm ASTM D5185m >20 3 Nickel ppm ASTM D5185m >10 1 Titanium ppm ASTM D5185m >10 1 Silver ppm ASTM D5185m >10 Aluminum ppm ASTM D5185m >0 Aluminum ppm ASTM D5185m >30 27 Lead ppm ASTM D5185m >30 21 Lead ppm ASTM D5185m >30 21 Lead ppm ASTM D5185m >30 2 Vanadium ppm ASTM D5185m >20 <1 Valuemental Scalar *Visual NONE NONE There is no indication of any contamination in the oil. Silt scalar *Visual NONE NONE Silt scalar *Visual NONE NONE Silt scalar *Visual NONE NONE Sand/Dirt scalar *Visual NONE NONE Appearance scalar *Visual NONE NONE Appearance scalar *Visual NORML NORML NORML NORML NORML NORML NORML NORML Emulsified Water scalar *Visual NORML NORML NORML Color scalar *Visual NORML NORML NORML NORML NORML Emulsified Water scalar *Visual NORML NORML NORML Che condition of the oil is acceptable for the time in service. Boron ppm ASTM D5185m 28 Molybdenum ppm ASTM D5185m 28	WEAR	Iron	ppm	ASTM D5185m	>500	134		
Nickel ppm ASTM D5185m >10 1 Silver ppm ASTM D5185m 0 Silver ppm ASTM D5185m 0 Aluminum ppm ASTM D5185m 30 27 Lead ppm ASTM D5185m 30 27 Lead ppm ASTM D5185m 30 2 Copper ppm ASTM D5185m 30 2 Vanadium ppm ASTM D5185m 30 2 CONTAMINATION Silicon ppm ASTM D5185m 30 2 Silt scalar *Visual NONE NONE Silt scalar *Visual NONE LIGHT Debris scalar *Visual NONE NONE Appearance scalar *Visual NORML NORML Appearance scalar *Visual NORML NORML CUID CONDITION Sodium ppm ASTM D5185m 8 The condition of the oil is acceptable for the time in service. Boron ppm ASTM D5185m 2 Molybdenum ppm ASTM D5185m 2 Molybdenum ppm ASTM D5185m 2		Chromium		ASTM D5185m	>20	3		
Titanium ppm ASTM D5185m 0 Silver ppm ASTM D5185m 0 Aluminum ppm ASTM D5185m 0 Aluminum ppm ASTM D5185m 30 27 Lead ppm ASTM D5185m 30 2 Copper ppm ASTM D5185m >30 2 Vanadium ppm ASTM D5185m >30 2 Vanadium ppm ASTM D5185m >20 <1 Vanadium ppm ASTM D5185m >30 2 Vanadium ppm ASTM D5185m >50 48 Water WC Method >0.2 NEG Silt scalar *Visual NONE LIGHT Debris scalar *Visual NONE NONE Sand/Dirt scalar *Visual NONE NONE Appearance scalar *Visual NORML NORML NORML Odor scalar *Visual NORML NORML NORML Color scalar *Visual NORML NORML NORML Color scalar *Visual NORML NORML Col	All component wear rates are normal.	Nickel				1		
Silver ppm ASTM D5185m 30 27		Titanium		ASTM D5185m		<1		
Lead		Silver	ppm	ASTM D5185m		0		
Copper		Aluminum	ppm	ASTM D5185m	>30	27		
Tin		Lead	ppm	ASTM D5185m	>30	<1		
Vanadium ppm ASTM D5185m -1		Copper	ppm	ASTM D5185m	>30	2		
White Metal Scalar *Visual NONE NONE Yellow Metal Scalar *Visual NONE NONE NONE NONE NONE Yellow Metal Scalar *Visual NONE NO		Tin	ppm	ASTM D5185m	>20	<1		
Yellow Metal scalar *Visual NONE NONE		Vanadium	ppm	ASTM D5185m		<1		
Silicon ppm ASTM D5185m >50 48		White Metal	scalar	*Visual	NONE	NONE		
Potassium ppm ASTM D5185m >20 6		Yellow Metal	scalar	*Visual	NONE	NONE		
Potassium ppm ASTM D5185m >20 6	CONTAMINATION	Silicon	nnm	ΔSTM D5185m	>50	48		
Water WC Method >0.2 NEG Silt scalar *Visual NONE LIGHT Debris scalar *Visual NONE NONE Sand/Dirt scalar *Visual NONE NONE Appearance scalar *Visual NORML NORML NORML NORML NORML Odor scalar *Visual NORML NORML NORML NORML Emulsified Water scalar *Visual >0.2 NEG The condition of the oil is acceptable for the time in service. Boron ppm ASTM D5185m 116 Barium ppm ASTM D5185m 2 Molybdenum ppm ASTM D5185m 28	There is no indication of any contamination in the oil.							
Silt scalar *Visual NONE LIGHT Debris scalar *Visual NONE NONE NONE Sand/Dirt scalar *Visual NONE NONE Appearance scalar *Visual NORML NORML NORML NORML Odor scalar *Visual NORML NORML NORML NORML Emulsified Water scalar *Visual NORML NORML NORML Emulsified Water scalar *Visual NORML Emulsified Water scalar *			ррш					
Debris scalar *Visual NONE NONE Sand/Dirt scalar *Visual NONE NONE Appearance scalar *Visual NORML NORML NORML Odor scalar *Visual NORML NORML NORML NORML NORML Emulsified Water scalar *Visual >0.2 NEG The condition of the oil is acceptable for the time in service. Boron ppm ASTM D5185m 116 Barium ppm ASTM D5185m 2 Molybdenum ppm ASTM D5185m 28			scalar					
Sand/Dirt scalar *Visual NONE NONE Appearance scalar *Visual NORML NORML NORML Odor scalar *Visual NORML								
Appearance scalar *Visual NORML NORML Odor scalar *Visual NORML NORML NORML Emulsified Water scalar *Visual >0.2 NEG Emulsified Water scalar *Visual >0.2 NEG The condition of the oil is acceptable for the time in service. Boron ppm ASTM D5185m 116 Barium ppm ASTM D5185m 2 Molybdenum ppm ASTM D5185m 28								
Odor scalar *Visual NORML NORML Emulsified Water scalar *Visual >0.2 NEG The condition of the oil is acceptable for the time in service.								
Emulsified Water scalar *Visual >0.2 NEG								
Boron ppm ASTM D5185m 116 Barium ppm ASTM D5185m 2 Molybdenum ppm ASTM D5185m 28		Emulsified Water	scalar	*Visual		NEG		
Boron ppm ASTM D5185m 116 Barium ppm ASTM D5185m 2 Molybdenum ppm ASTM D5185m 28	FI LUD CONDITION	Sodium	nnm	ASTM D5185m		Ω		
Barium ppm ASTM D5185m 2 Molybdenum ppm ASTM D5185m 28								
Molybdenum ppm ASTM D5185m 28	The condition of the oil is acceptable for the time in service.							
Mandanese Don ASIMIDADAN 9 1		Manganese	ppm	ASTM D5185m		9		
Magnesium ppm ASTM D5185m 2		_						
Calcium ppm ASTM D5185m 42		_						
Phosphorus ppm ASTM D5185m 1274								
Zinc ppm ASTM D5185m 157								
Sulfur ppm ASTM D5185m 23607								
Visc @ 40°C cSt ASTM D445 (58.6)								











Certificate L2367

Laboratory Sample No.

: ML0000061 **Lab Number** : 06103848 Unique Number : 10902078 Test Package : CONST

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 28 Feb 2024

Tested Diagnosed

: 29 Feb 2024 : 01 Mar 2024 - Don Baldridge **RELIABLE CONTRACTING**

2410 EVERGREEN RD SUITE 200 GAMBRILLS, MD

US 21054 Contact: RUSSELL HATFIELD

RHATFIELD@RELIABLECONTRACTING.COM T: (410)987-1851

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

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

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