WEAR CONTAMINATION FLUID CONDITION **NORMAL NORMAL NORMAL**

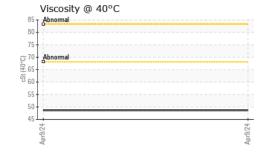
[W364007482]

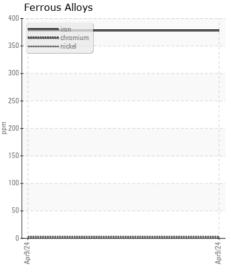
VOLVO A40G 13204723 (S/N 752024)

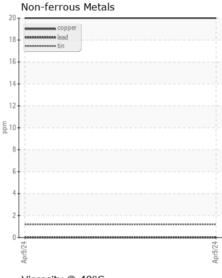
Transfer Gearbox

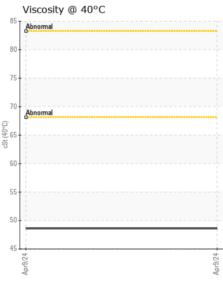
Sample Number Client Info Sample Number Client Info Glant In	VOLVO SUPER GEAR OIL 75V	V-80-GO102	(3 GA	L)				
Sample Date Cilent Info	RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Machine Age hrs Client Info 2193 Oil Age hrs Client Info 2193 Oil Age hrs Client Info 2193 Oil Age hrs Client Info 0 Oil Age hrs Client Info 0 Oil Changed Client Info N/A Filter Age hrs Client Info N/A Filter Changed Client Info N/A Filter Changed Client Info N/A Filter Changed Client Info N/A	The oil change at the time of sampling has been noted. Resample at the next service interval to monitor.	Sample Number		Client Info		ASC0006566		
Oil Age		Sample Date		Client Info		09 Apr 2024		
Filter Age		Machine Age	hrs	Client Info		2193		
Oil Changed Client Info Changed Client Info N/A		Oil Age	hrs	Client Info		2193		
Filter Changed Client Info N/A NORMAL		Filter Age	hrs	Client Info		0		
NORMAL N		Oil Changed		Client Info		Changed		
Iron		Filter Changed		Client Info		N/A		
Chromium		Sample Status				NORMAL		
Nickel ppm ASTM 05/85m >10 2 .	WEAR	Iron	ppm	ASTM D5185m	>200	378		
Nickel ppm ASTM 05185m >10 2 .	Metal levels are typical for a new component breaking in.	Chromium		ASTM D5185m	>10			
Titanium ppm ASTM D5185m <1 Silver ppm ASTM D5185m <1 Aluminum ppm ASTM D5185m 1 Lead ppm ASTM D5185m 0 Copper ppm ASTM D5185m 0 Copper ppm ASTM D5185m 20 Tin ppm ASTM D5185m 1 Vanadium ppm ASTM D5185m 1 White Metal scalar *Visual NONE NONE Yellow Metal scalar *Visual NONE NONE Yellow Metal scalar *Visual NONE NONE Yellow Metal scalar *Visual NONE NONE There is no indication of any contamination in the oil. Potassium ppm ASTM D5185m 20 6 Silt scalar *Visual NONE NONE Silt scalar *Visual NONE NONE Sand/Dit scalar *Visual NONE NONE Appearance scalar *Visual NORML NORML Appearance scalar *Visual NORML NORML Appearance scalar *Visual NORML NORML Appearance scalar *Visual NORML NORML Appearance scalar *Visual NORML NORML Appearance scalar *Visual NORML NORML Appearance scalar *Visual NORML NORML NORML NORML NORML NO		Nickel		ASTM D5185m	>10	2		
Silver		Titanium		ASTM D5185m		<1		
Lead ppm ASTM D5185m 0						<1		
Copper ppm ASTM D5185m 20 Tin ppm ASTM D5185m 4 Vanadium ppm ASTM D5185m <1 White Metal scalar 'Visual NONE NONE Yellow Metal scalar 'Visual NONE Yellow Metal scalar 'Visual NONE NONE Yellow Metal		Aluminum	ppm	ASTM D5185m		1		
Tin		Lead	ppm	ASTM D5185m		0		
Vanadium ppm ASTM D5185m <1 White Metal scalar *Visual NONE NONE NONE Vellow Metal scalar *Visual NONE NONE NONE Vellow Metal scalar *Visual NONE NONE NONE Vanadium ppm ASTM D5185m >20 6 Water WC Method >0.2 NEG Water WC Method >0.2 NEG Silt scalar *Visual NONE NON		Copper	ppm	ASTM D5185m		20		
White Metal Scalar *Visual NONE NO		Tin	ppm	ASTM D5185m		1		
Yellow Metal scalar Visual NONE NONE CONTAMINATION Silicon ppm ASTM D5185m 20 6 Water WC Method >0.2 NEG Silt scalar Visual NONE NONE Appearance scalar Visual NORML NORML NORML Sodium ppm ASTM D5185m 12 Sodium ppm ASTM D5185m 152 Manganese ppm ASTM D5185m 7 Manganese ppm ASTM D5185m 151 Calcium ppm ASTM D5185m 151 Phosphorus ppm ASTM D5185m 151 Zinc ppm ASTM D5185m 2122 Silt Silt Silt Silt Silt Silt Silt Silt Silt Silt Silt Silt Silt Silt Silt Silt Scalar Visual NONE NONE Scalar Visual NONE NONE Scalar Visual NONE NONE Scalar Scalar Visua		Vanadium	ppm	ASTM D5185m		<1		
Silicon ppm ASTM D5185m 33		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	Ciliana		ACTA DE10E		00		
Water WC Method So.2 NEG Sitt scalar Visual NONE NONE Sand/Dirt scalar Visual NONE NONE Sand/Dirt scalar Visual NORM N	CONTAMINATION				. 00			
Sitt Scalar *Visual NONE NONE Debris Scalar *Visual NONE NONE Sand/Dirt Scalar *Visual NONE NONE Sand/Dirt Scalar *Visual NONE NONE Sand/Dirt Scalar *Visual NORML NORML NORML Scalar *Visual NORML NORML NORML Scalar *Visual NORML NORML NORML Scalar *Visual NORML Scalar *Visual	There is no indication of any contamination in the oil.		ppm					
Debris Scalar *Visual NONE NONE Sand/Dirt Scalar *Visual NONE NONE Sand/Dirt Scalar *Visual NONE NORML NORML			cooler					
Sand/Dirt scalar *Visual NONE NONE Appearance scalar *Visual NORML NORML Odor scalar *Visual NORML NORML Emulsified Water scalar *Visual NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NEG NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML NORML								
Appearance Scalar *Visual NORML NORML								
Odor								
Emulsified Water scalar *Visual >0.2 NEG								
Boron ppm ASTM D5185m 152 Barium ppm ASTM D5185m 4 Molybdenum ppm ASTM D5185m 7 Manganese ppm ASTM D5185m 6 Magnesium ppm ASTM D5185m 10 Calcium ppm ASTM D5185m 151 Phosphorus ppm ASTM D5185m 2122 Zinc ppm ASTM D5185m 122 Sulfur ppm ASTM D5185m 44506								
Boron ppm ASTM D5185m 152 Barium ppm ASTM D5185m 4 Molybdenum ppm ASTM D5185m 7 Manganese ppm ASTM D5185m 6 Magnesium ppm ASTM D5185m 10 Calcium ppm ASTM D5185m 151 Phosphorus ppm ASTM D5185m 2122 Zinc ppm ASTM D5185m 122 Sulfur ppm ASTM D5185m 44506	FI LUD CONDITION							
Barium ppm ASTM D5185m 4 Molybdenum ppm ASTM D5185m 7 Manganese ppm ASTM D5185m 6 Magnesium ppm ASTM D5185m 10 Calcium ppm ASTM D5185m 151 Phosphorus ppm ASTM D5185m 2122 Zinc ppm ASTM D5185m 122 Sulfur ppm ASTM D5185m 44506	FLUID CONDITION							
Molybdenum ppm ASTM D5185m 7 Manganese ppm ASTM D5185m 6 Magnesium ppm ASTM D5185m 10 Calcium ppm ASTM D5185m 151 Phosphorus ppm ASTM D5185m 2122 Zinc ppm ASTM D5185m 122 Sulfur ppm ASTM D5185m 44506	The condition of the oil is acceptable for the time in service.							
Manganese ppm ASTM D5185m 6 Magnesium ppm ASTM D5185m 10 Calcium ppm ASTM D5185m 151 Phosphorus ppm ASTM D5185m 2122 Zinc ppm ASTM D5185m 122 Sulfur ppm ASTM D5185m 44506								
Magnesium ppm ASTM D5185m 10 Calcium ppm ASTM D5185m 151 Phosphorus ppm ASTM D5185m 2122 Zinc ppm ASTM D5185m 122 Sulfur ppm ASTM D5185m 44506								
Calcium ppm ASTM D5185m 151 Phosphorus ppm ASTM D5185m 2122 Zinc ppm ASTM D5185m 122 Sulfur ppm ASTM D5185m 44506		_						
Phosphorus ppm ASTM D5185m 2122 Zinc ppm ASTM D5185m 122 Sulfur ppm ASTM D5185m 44506		-						
Zinc ppm ASTM D5185m 122 Sulfur ppm ASTM D5185m 44506								
Sulfur ppm ASTM D5185m 44506								
		Visc @ 40°C	ppm cSt	ASTM D5185m		44506		

Submitted By: PHILLIP CARVER











Certificate L2367

Laboratory Sample No.

Test Package : CONST

: ASC0006566 Lab Number : 06150750 Unique Number: 10980828

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 16 Apr 2024 **Tested** : 17 Apr 2024 Diagnosed

: 18 Apr 2024 - Don Baldridge

364 - ASCENDUM MACHINERY INC - MACON

4807 HARRISON RD MACON, GA US 31206

Contact: PHILLIP CARVER phillip.carver@ascendummachinery.com

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.

T: (478)200-3300 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (478)200-5859

Submitted By: PHILLIP CARVER