WEAR CONTAMINATION FLUID CONDITION **NORMAL NORMAL NORMAL**



Machine Id **VOLVO A30G 752490**

Component Front Right Final Drive

Sample Number Cilient Info AS0009766 Cannot Info Called Info	RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History
Sample Date	Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.	Sample Number		Client Info				
Oil Age		Sample Date		Client Info		22 Jun 2024		
Filter Age		Machine Age	hrs	Client Info		2602		
Color Changed Color Chent Info Changed Color Chent Info Changed Chent Info Info Chent Info Info Chent Info Info Chent Info Info Chent Info Ch		Oil Age	hrs	Client Info		2602		
Filter Changed Client Info N/A NORMAL		Filter Age	hrs	Client Info		0		
FAR		Oil Changed		Client Info		Not Changd		
Iron		Filter Changed		Client Info		N/A		
Chromium ppm ASTM D5185m >20 2		Sample Status				NORMAL		
Chromium ppm ASTM D5185m >20 2	VEAR	Iron	maa	ASTM D5185m	>900	136		
Nickel ppm ASTM D5185m > 10 <1	All component wear rates are normal.							
Titanium								
Silver								
Lead		Silver				0		
Copper ppm ASTM D5185m > 150 11		Aluminum	ppm	ASTM D5185m	>30	0		
Tin ppm ASTM D5185m > 20 0		Lead	ppm	ASTM D5185m	>50	0		
Vanadium ppm ASTM D5185m 0		Copper	ppm	ASTM D5185m	>150	11		
White Metal scalar *Visual NONE NONE *** Yellow Metal scalar *Visual NONE NONE *** Yellow Metal scalar *Visual NONE NONE *** Yellow Metal scalar *Visual NONE *** Yel		Tin	ppm	ASTM D5185m	>20	0		
Yellow Metal scalar *Visual NONE NORML NO		Vanadium	ppm	ASTM D5185m		0		
Silicon ppm ASTM D5185m >50 3		White Metal	scalar	*Visual	NONE	NONE		
Potassium ppm ASTM D5185m >20 1		Yellow Metal	scalar	*Visual	NONE	NONE		
Potassium ppm ASTM D5185m >20 1	ONTAMINATION	Silicon	maa	ASTM D5185m	>50	3		
Water WC Method >0.2 NEG	There is no indication of any contamination in the oil.							
Silt scalar *Visual NONE NONE Debris scalar *Visual NONE NONE Sand/Dirt scalar *Visual NONE NONE Appearance scalar *Visual NORML NORML NORML Appearance scalar *Visual NORML NORML NORML Codor scalar *Visual NORML NORML NORML Emulsified Water scalar *Visual NORML			1-1-			NEG		
Sand/Dirt scalar *Visual NONE NONE Appearance scalar *Visual NORML		Silt	scalar	*Visual	NONE	NONE		
Appearance scalar *Visual NORML Odor scalar *Visual NORML NORML Odor scalar *Visual NORML NORML Odor Scalar *Visual NORML NORML Odor Od		Debris	scalar		NONE	NONE		
Odor scalar *Visual NORML NORML Emulsified Water scalar *Visual >0.2 NEG NEG NEG NEG		Sand/Dirt	scalar	*Visual	NONE	NONE		
Emulsified Water scalar *Visual >0.2 NEG		Appearance	scalar	*Visual	NORML	NORML		
Sodium ppm ASTM D5185m 2		Odor	scalar	*Visual	NORML	NORML		
Boron ppm ASTM D5185m 210 Barium ppm ASTM D5185m <1 Molybdenum ppm ASTM D5185m 6 Manganese ppm ASTM D5185m 4 Magnesium ppm ASTM D5185m 14 Calcium ppm ASTM D5185m 252 Calcium ppm ASTM D5185m Calcium ppm		Emulsified Water	scalar	*Visual	>0.2	NEG		
Boron ppm ASTM D5185m 210 Barium ppm ASTM D5185m <1 Molybdenum ppm ASTM D5185m 6 Manganese ppm ASTM D5185m 4 Magnesium ppm ASTM D5185m 14 Calcium ppm ASTM D5185m 252 Calcium ppm ASTM D5185m Calcium ppm Calcium pp	UID CONDITION	Sodium	nnm	ASTM D5185m		2		
Barium ppm ASTM D5185m <1 Molybdenum ppm ASTM D5185m 6 Manganese ppm ASTM D5185m 4 Magnesium ppm ASTM D5185m 14 Calcium ppm ASTM D5185m 252								
Molybdenum ppm ASTM D5185m 6 Manganese ppm ASTM D5185m 4 Magnesium ppm ASTM D5185m 14 Calcium ppm ASTM D5185m 252	The condition of the oil is acceptable for the time in service.							
Manganese ppm ASTM D5185m 4 Magnesium ppm ASTM D5185m 14 Calcium ppm ASTM D5185m 252								
Magnesium ppm ASTM D5185m 14 Calcium ppm ASTM D5185m 252		-						
Calcium ppm ASTM D5185m 252								
··		_						
		Phosphorus	ppm	ASTM D5185m				

Zinc

Sulfur

Visc @ 40°C

ASTM D5185m

ASTM D5185m

ASTM D445

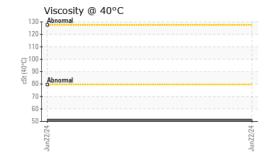
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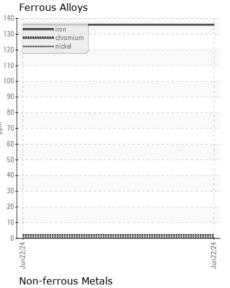
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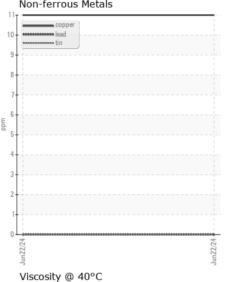
211

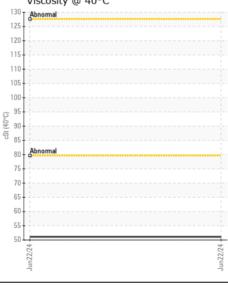
23588

51.1











Certificate L2367

Laboratory Sample No.

Unique Number: 11099859

: ASC0009766 Lab Number : 06221662

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 26 Jun 2024 **Tested** : 27 Jun 2024 Diagnosed : 28 Jun 2024 - Don Baldridge

114 - ASCENDUM MACHINERY INC - CONCORD 1025 INTERNATIONAL DR NW CONCORD, NC

US 28027 Contact: JEFF WILBANKS

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

jeff.wilbanks@ascendummachinery.com T: (704)599-8179

* - 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) F: (704)596-1362