WEAR CONTAMINATION FLUID CONDITION

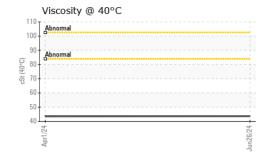
NORMAL NORMAL

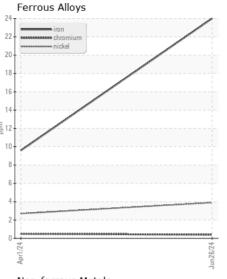


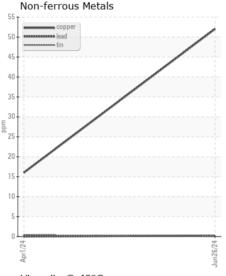
Wachine Id VOLVO A45G 2361 (S/N 752166)

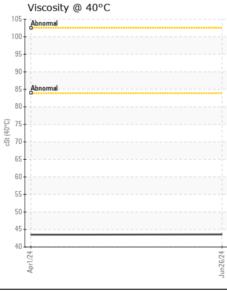
Wet Disc Brake

Resample at the next service interval to monitor. Sample Number Cilent Info Source Source Source Cilent Info Source Source Cilent Info	{not provided} (GAL)							
Resample at the next service interval to monitor. Sample Number Cilent Info Sour 2008 Cilent Info Sour 2008 Cilent Info Cilent	RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Date Collent Info 1933 519		Sample Number		Client Info		ASC0011130	ASC0010305	
Oil Age		Sample Date		Client Info		26 Jun 2024	01 Apr 2024	
Filter Age		Machine Age	hrs	Client Info		1053	519	
Not Changed Filter Changed Cilent Info Changed Not Changed N		Oil Age	hrs	Client Info		1053	519	
Filter Changed Sample Status Client Info NoRMAL		Filter Age	hrs	Client Info		1053	519	
Normal N		Oil Changed		Client Info		Not Changd	Not Changd	
Iron		Filter Changed		Client Info		Changed	Not Changd	
All component wear rates are normal. Chromium ppm ASTM D5185m >10		Sample Status				NORMAL	NORMAL	
All component wear rates are normal. Chromium ppm ASTM D5185m >10	WEAR	lvan		ACTM DE10Em	. 20	04	10	
Nickel ppm ASTM D5185m >10 4 3	WEAR							
Titanium ppm ASTM D6185m < 1 <1 Silver ppm ASTM D6185m 0 0 0 Aluminum ppm ASTM D6185m 0 0 0 Lead ppm ASTM D6185m >10 3 1 Copper ppm ASTM D6185m >10 0 Copper ppm ASTM D6185m >10 0 Copper ppm ASTM D6185m >10 0 Tin ppm ASTM D6185m >10 0 White Metal scalar *Visual NONE NON	All component wear rates are normal.							
Silver ppm ASTM D5185m 10 0 0 Aluminum ppm ASTM D5185m >10 3 1 Copper ppm ASTM D5185m >10 <1 0 Copper ppm ASTM D5185m >75 52 16 Tin ppm ASTM D5185m >75 52 16 Vanadium ppm ASTM D5185m >10 0 <1 Vanadium ppm ASTM D5185m >10 0 <1 Vanadium ppm ASTM D5185m NONE NONE NONE Valued None					>10			
Aluminum ppm ASTM D5185m >10 3 1								
Lead					>10			
Copper								
Tin					-			
Vanadium ppm ASTM D5185m NONE NONE								
White Metal Scalar Visual NONE NON								
Yellow Metal Scalar Visual NONE NO		White Metal			NONE	NONE	NONE	
Potassium ppm ASTM D5185m >20 4 5		Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
Potassium ppm ASTM D5185m >20 4 5	CONTANUNATION							
Water WC Method >0.1 NEG NEG	CONTAMINATION							
Silt scalar *Visual NONE LIGHT NONE	There is no indication of any contamination in the oil.		ppm					
Debris Scalar *Visual NONE NONE NONE Sand/Dirt Scalar *Visual NONE NORML NORM								
Sand/Dirt scalar *Visual NONE NONE NONE NONE NONE NORML NORM								
Appearance Scalar *Visual NORML NORML								
Odor								
Emulsified Water scalar *Visual >0.1 NEG NEG								
Sodium ppm ASTM D5185m 2 3								
Boron ppm ASTM D5185m 120 130								
Barium ppm ASTM D5185m Q	FLUID CONDITION	Sodium	ppm	ASTM D5185m		2	3	
Molybdenum ppm ASTM D5185m <1	The condition of the oil is acceptable for the time in service.		ppm			120		
Manganese ppm ASTM D5185m <1			ppm				0	
Magnesium ppm ASTM D5185m 6 6 Calcium ppm ASTM D5185m 3662 3778 Phosphorus ppm ASTM D5185m 1354 1350 Zinc ppm ASTM D5185m 1575 1592 Sulfur ppm ASTM D5185m 5821 5974 Visc @ 40°C cSt ASTM D445 43.6 43.5		•	ppm					
Calcium ppm ASTM D5185m 3662 3778 Phosphorus ppm ASTM D5185m 1354 1350 Zinc ppm ASTM D5185m 1575 1592 Sulfur ppm ASTM D5185m 5821 5974 Visc @ 40°C cSt ASTM D445 43.6 43.5		-						
Phosphorus ppm ASTM D5185m 1354 1350 Zinc ppm ASTM D5185m 1575 1592 Sulfur ppm ASTM D5185m 5821 5974 Visc @ 40°C cSt ASTM D445 43.6 43.5		-						
Zinc ppm ASTM D5185m 1575 1592 Sulfur ppm ASTM D5185m 5821 5974 Visc @ 40°C cSt ASTM D445 43.6 43.5								
Sulfur ppm ASTM D5185m 5821 5974 Visc @ 40°C cSt ASTM D445 43.6 43.5								
Visc @ 40°C cSt ASTM D445 43.6 43.5								
Report Id. CANBURNO IMUSCARI 06999640 (Cenerated: 06/90/9094 11:36:17) Revist	Report Id: GANBURNC [WUSCAR] 06222640 (Generated: 06/29/2024 11:36:17) Rev: 1	visc @ 40°C	cSt		Location			











Certificate L2367

Laboratory Sample No.

: ASC0011130 Lab Number : 06222640 Unique Number : 11100837 Test Package : CONST

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

Diagnosed

: 29 Jun 2024 - Don Baldridge

PO BOX 1335 BURLINGTON, NC

Contact: KAREN NEWPORT Gsmaterials@windstream.net

T: (919)499-9322 F: (919)499-2097

G S MATERIALS INC

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)

US 27216