WEAR CONTAMINATION FLUID CONDITION

NORMAL NORMAL

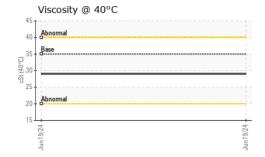


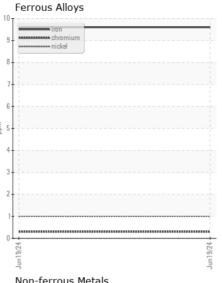
Machine Id VOLVO A40G 352004

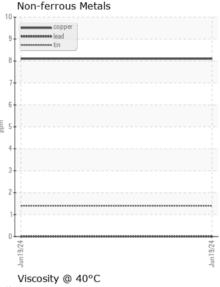
Transmission (Auto)

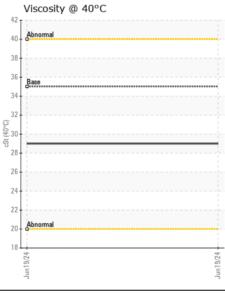
DEXRON III (--- GAL)

Sample Number   Client Info   VCP000844	DEXRON III ( GAL)							
Sample Date   Machine Age   Inst   Client Info   1032	RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Date   Client Info   19 Jun 2024	Resample at the next service interval to monitor	Sample Number		Client Info		VCP0008444		
Oil Age	riodanipio al trio noxi estivico intervario menter.	Sample Date		Client Info		19 Jun 2024		
Filter Age		Machine Age	hrs	Client Info		1032		
Oil Changed   Cilent Info   N/A		Oil Age	hrs	Client Info		1032		
Filter Changed   Cilent Info   N/A   NORMAL		Filter Age	hrs	Client Info		0		
VEAR   Iron   ppm   ASTM 05185m   >160   10		Oil Changed		Client Info		N/A		
Iron		Filter Changed		Client Info		N/A		
All component wear rates are normal.    Chromium   ppm   ASTM D5185m   >5   1		Sample Status				NORMAL		
All component wear rates are normal.    Chromium   ppm   ASTM D5185m   >5	WEAR	Iron	nnm	ACTM DE10Em	. 160	10		
Nickel   ppm   ASTM D5185m   >5   1         Titanium   ppm   ASTM D5185m   >5   0         Silver   ppm   ASTM D5185m   >5   0         Aluminum   ppm   ASTM D5185m   >5   0         Aluminum   ppm   ASTM D5185m   >5   0         Aluminum   ppm   ASTM D5185m   >5   0         ASTM D5185m   >22   8         ASTM D5185m   >22   8         ASTM D5185m   >22   8         ASTM D5185m   >22   4         ASTM D5185m   >20   4         ASTM D5185m   >20   4         ASTM D5185m   >20   4         ASTM D5185m   >20   2         ASTM D5185m   >20								
Titanium	All component wear rates are normal.							
Silver   ppm   ASTM D5185m   >5   0         Aluminum   ppm   ASTM D5185m   >50   6         Aluminum   ppm   ASTM D5185m   >50   6         Copper   ppm   ASTM D5185m   >50   0         Copper   ppm   ASTM D5185m   >20   0         Vanadium   ppm   ASTM D5185m   >22   8         Vanadium   ppm   ASTM D5185m   >0         Vanadium   ppm   ASTM D5185m   0         Vanadium   ppm   ASTM D5185m   0         Vanadium   ppm   ASTM D5185m   0         Value   Visual   NONE   NONE         Value   Visual   NONE   NONE         Value   Visual   NONE   NONE         Vater   Visual   NONE   NONE         Silt   scalar   Visual   NONE   NONE         Silt   scalar   Visual   NONE   NONE         Debris   scalar   Visual   NONE   NONE         Appearance   scalar   Visual   NONE   NONE         Appearance   scalar   Visual   NONE   NONE         Appearance   scalar   Visual   NORML   NORML   NORML         Codor   scalar   Visual   NORML   NORML   NORML         Codor   scalar   Visual   NORML   NORML   NORML         Emulsified Water   scalar   Visual   NORML   NORML         Emulsified Water   scalar   Visual   NORML   NORML         Emulsified Water   scalar   Visual   NORML   NORML         Astm D5185m   0           Manganese   ppm   AStm D5185m   0         Manganese   ppm   AStm D5185m   3         Manganese   ppm   AStm D5185m   3         Astm D5185m   3           Astm D5185m   3           Astm D5185m   3           Astm D5185m   3           Astm D5185m   3           Astm D5185m   3           Astm D5185m   3           Astm D5185m   3           Astm D5185m   3           Astm D5185m   3           Astm D5185m   3           Astm D5185m   3           Astm D5185m   3					>0			
Aluminum   ppm   ASTM D5185m   >50   6					<b>\5</b>			
Lead								
Copper								
Tin								
Vanadium   ppm   ASTM D5185m   0								
White Metal   scalar   "Visual   NONE   NONE           Yellow Metal   scalar   "Visual   NONE   NONE           NONE   NONE           NONE   NONE           NONE   NONE           NONE   NONE           NONE   N								
Silicon   ppm   ASTM D5185m   >20   4		White Metal			NONE	NONE		
Potassium   ppm   ASTM D5185m   >20   2		Yellow Metal	scalar	*Visual	NONE	NONE		
Potassium   ppm   ASTM D5185m   >20   2								
Water   WC Method   >0.1   NEG         Silt   scalar   *Visual   NONE   NONE         Debris   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         Debris   scalar   *Visual   NONE   NONE         Appearance   scalar   *Visual   NORML   NORML   NORML         Emulsified Water   scalar   *Visual   >0.1   NEG         Boron   ppm   ASTM D5185m   2         Barium   ppm   ASTM D5185m   90         Molybdenum   ppm   ASTM D5185m   3         Magnesium   ppm   ASTM D5185m   3         Magnesium   ppm   ASTM D5185m   3         Calcium   ppm   ASTM D5185m   3         ASTM D5185m   35	CONTAMINATION		ppm					
Silt   scalar   *Visual   NONE   NONE   Debris   scalar   *Visual   NONE   NONE   Sand/Dirt   scalar   *Visual   NONE   NONE   Sand/Dirt   scalar   *Visual   NORM   NORM   NORML   Sand/Dirt   Scalar   *Visual   NORM	There is no indication of any contamination in the oil.		ppm					
Debris   scalar   *Visual   NONE   NONE       NONE   Sand/Dirt   scalar   *Visual   NONE   NONE   NONE       NONE   NONE   NONE   NONE   NONE   NONE   NONE   NONE   NORML								
Sand/Dirt   Scalar *Visual   NONE   NONE       NONE   Appearance   Scalar *Visual   NORML								
Appearance   Scalar   *Visual   NORML   NORML   Odor   Scalar   *Visual   NORML   NO								
Odor								
Emulsified Water   scalar *Visual   >0.1   NEG								
Sodium   ppm   ASTM D5185m   2								
Boron   ppm   ASTM D5185m   90         Barium   ppm   ASTM D5185m   0         Molybdenum   ppm   ASTM D5185m   3         Manganese   ppm   ASTM D5185m   3         Magnesium   ppm   ASTM D5185m   3         Calcium   ppm   ASTM D5185m   3         Calcium   ppm   ASTM D5185m   118         Phosphorus   ppm   ASTM D5185m   240         Zinc   ppm   ASTM D5185m   35         Sulfur   ppm   ASTM D5185m   2228				·····	<i>&gt;</i> 0.1			
Barium   ppm   ASTM D5185m   0         Molybdenum   ppm   ASTM D5185m   3         Manganese   ppm   ASTM D5185m   <1         Magnesium   ppm   ASTM D5185m   3         Calcium   ppm   ASTM D5185m   118         Phosphorus   ppm   ASTM D5185m   240         Zinc   ppm   ASTM D5185m   35         Sulfur   ppm   ASTM D5185m   2228	FLUID CONDITION	Sodium	ppm	ASTM D5185m		2		
Barium         ppm         ASTM D5185m         0             Molybdenum         ppm         ASTM D5185m         3             Manganese         ppm         ASTM D5185m         3             Magnesium         ppm         ASTM D5185m         3             Calcium         ppm         ASTM D5185m         118             Phosphorus         ppm         ASTM D5185m         240             Zinc         ppm         ASTM D5185m         35             Sulfur         ppm         ASTM D5185m         2228	The condition of the oil is acceptable for the time in service.	Boron	ppm	ASTM D5185m		90		
Manganese         ppm         ASTM D5185m         <1	*	Barium	ppm	ASTM D5185m		0		
Magnesium         ppm         ASTM D5185m         3             Calcium         ppm         ASTM D5185m         118             Phosphorus         ppm         ASTM D5185m         240             Zinc         ppm         ASTM D5185m         35             Sulfur         ppm         ASTM D5185m         2228		Molybdenum	ppm	ASTM D5185m		3		
Calcium         ppm         ASTM D5185m         118             Phosphorus         ppm         ASTM D5185m         240             Zinc         ppm         ASTM D5185m         35             Sulfur         ppm         ASTM D5185m         2228		Manganese	ppm	ASTM D5185m		<1		
Phosphorus         ppm         ASTM D5185m         240             Zinc         ppm         ASTM D5185m         35             Sulfur         ppm         ASTM D5185m         2228		-	ppm			3		
Zinc         ppm         ASTM D5185m         35             Sulfur         ppm         ASTM D5185m         2228			ppm					
Sulfur         ppm         ASTM D5185m         2228			ppm					
			ppm					
Visc @ 40°C cSt ASTM D445 35.0 <b>( 29.0 )</b>								
Report Id: VOI VO0092 IWLISCARI 06222684 (Generated: 06/29/2024 12:12:35) Rev: 1	Report Id: VOLVO0092 IWUSCARI 06222684 (Generated: 06/29/2024 12:12:35) Rev: 1	Visc @ 40°C	cSt	ASTM D445			<b>'</b>	











Certificate L2367

Laboratory Sample No.

: VCP0008444 Lab Number : 06222684 Unique Number : 11100881 Test Package : CONST

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

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 27 Jun 2024 **Tested** : 29 Jun 2024

Diagnosed : 29 Jun 2024 - Don Baldridge

Contact: SHAWN NORTHCRAFT shawn.northcraft@altg.com

**ALTA EQUIPMENT COMPANY** 

T: (904)737-6000 F: (904)737-1260

8750 PHILIPS HWY

JACKSONVILLE, FL

\* - 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 32256