

Machine Id **ROSENBAUER TOWER 101** Component

Top Hydraulic System

AW HYDRAULIC OIL ISO 32 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) AW HYDRAULIC OIL ISO 32. Please confirm.

WEAR

All component wear rates are normal.

CONTAMINATION

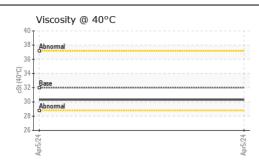
There is no indication of any contamination in the oil.

FLUID CONDITION

The condition of the oil is acceptable for the time in service.

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Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0917783		
Sample Date		Client Info		05 Apr 2024		
Machine Age	hrs	Client Info		1031		
Oil Age	hrs	Client Info		92		
Filter Age	hrs	Client Info		92		
Oil Changed		Client Info		Not Changd		
Filter Changed		Client Info		Not Changd		
Sample Status				NORMAL		
Iron		ASTM D5185m	>20	<1		
Chromium	ppm	ASTM D5185m	>20	0		
Nickel	ppm	ASTM D5185m		0		
Titanium	ppm	ASTM D5185m	>10	0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm		. 10	0		
	ppm	ASTM D5185m	>10 >10	-		
Lead	ppm	ASTM D5185m	>75	0		
Copper	ppm			1		
Tin Vanadium	ppm	ASTM D5185m	>10	0		
	ppm	ASTM D5185m				
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
Silicon	ppm	ASTM D5185m	>20	<1		
Potassium	ppm	ASTM D5185m	>20	0		
Water			>0.1			
( alor		WC Method	20.1	NEG		
Silt	scalar	WC Method *Visual	NONE	NEG NONE		
	scalar scalar		-			
Silt		*Visual	NONE	NONE		
Silt Debris	scalar	*Visual *Visual	NONE NONE	NONE		
Silt Debris Sand/Dirt	scalar scalar	*Visual *Visual *Visual	NONE NONE NONE	NONE NONE NONE		
Silt Debris Sand/Dirt Appearance	scalar scalar scalar	*Visual *Visual *Visual *Visual	NONE NONE NORML	NONE NONE NONE NORML		
Silt Debris Sand/Dirt Appearance Odor Emulsified Water	scalar scalar scalar scalar scalar	*Visual *Visual *Visual *Visual *Visual *Visual	NONE NONE NORML NORML	NONE NONE NORE NORML NORML NEG	   	   
Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium	scalar scalar scalar scalar scalar ppm	*Visual *Visual *Visual *Visual *Visual ASTM D5185m	NONE NONE NORML NORML >0.1	NONE NONE NORML NORML NEG <1	    	
Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron	scalar scalar scalar scalar scalar ppm ppm	*Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m	NONE NONE NORML NORML >0.1	NONE NONE NORML NORML NEG <1 0		
Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium	scalar scalar scalar scalar scalar ppm ppm	*Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m	NONE NONE NORML NORML >0.1 5 5	NONE NONE NORML NORML NEG <1 0 0		
Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum	scalar scalar scalar scalar scalar ppm ppm ppm	*Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m	NONE NONE NORML NORML >0.1	NONE NONE NORML NORML NEG <1 0 0 0		
Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese	scalar scalar scalar scalar scalar ppm ppm ppm ppm	*Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NONE NONE NORML >0.1 5 5 5 5	NONE NONE NORML NORML NEG <1 0 0 0 0		
Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Malybdenum Manganese Magnesium	scalar scalar scalar scalar ppm ppm ppm ppm ppm	*Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NONE NONE NONE NORML >0.1 5 5 5 5 25	NONE NONE NORML NORML NEG <1 0 0 0 0 0 2		
Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	*Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NONE NONE NORML NORML >0.1 5 5 5 5 2 2 200	NONE NONE NORML NORML NEG <1 0 0 0 0 0 0 2 133		
Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	*Visual *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NONE NORML NORML >0.1 5 5 5 5 25 200 300	NONE NONE NORML NORML NEG <1 0 0 0 0 0 2 133 400		
Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Barium Molybdenum Malybdenum Manganese Magnesium Calcium Phosphorus	scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm ppm	*Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NONE NORML NORML >0.1 5 5 5 5 2 2 2 0 0 300 3 70	NONE NONE NORML NORML NEG <1 0 0 0 0 0 2 133 400 501		
Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	*Visual *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NONE NORML NORML >0.1 5 5 5 5 25 200 300	NONE NONE NORML NORML NEG <1 0 0 0 0 0 2 133 400		

Contact/Location: JOE CRIST - FAYFAYWV



Ferrous Alloys 10 mqq 0 Non-ferrous Metals 10 lead mdo Viscosity @ 40°C 39 38 37 36 35 34 (10°C) ŝ 32 31 30 29 Abno 28 27 Apr5/24 Apr5/24



**FAYETTE CO FIRE SERVICES** Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 Sample No. : WC0917783 Received : 19 Apr 2024 PO BOX 307 Lab Number : 06155405 Tested : 22 Apr 2024 FAYETTEVILLE, WV Unique Number : 10990828 Diagnosed : 22 Apr 2024 - Wes Davis US 25840 Test Package : FLEET Contact: JOE CRIST Certificate L2367 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: F:

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

Contact/Location: JOE CRIST - FAYFAYWV Page 2 of 2