

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

A DECEMBER OF	Component
2000 S	Transmission (Manual)
	SYNGEAR 75W90 (GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

There is no indication of any contamination in the fluid.

FLUID CONDITION

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

Test		Method	Limit/Abn	Current	History1	History?
Sample Number	UOIVI		LIIIII/ADII	DC0001500	THSTOLAT	THStoryz
Sample Number		Client Info		DC0021502		
Sample Date	bro	Client Info		21 Widi 2024		
	liis			7590		
	nrs			0		
Filter Age	nrs			0		
Oil Changed				Changed		
Filter Changed		Client into		Not Change		
Sample Status						
Iron	ppm	ASTM D5185m	>200	28		
Chromium	ppm	ASTM D5185m	>5	0		
Nickel	ppm	ASTM D5185m	>5	0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m	>7	0		
Aluminum	ppm	ASTM D5185m	>25	13		
Lead	ppm	ASTM D5185m	>45	0		
Copper	ppm	ASTM D5185m	>225	6		
Tin	ppm	ASTM D5185m	>10	0		
Vanadium	ppm	ASTM D5185m		0		
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
Silicon	ppm	ASTM D5185m	>125	6		
Potassium	ppm ppm	ASTM D5185m	>125 >20	0		
Silicon Potassium Water	ppm ppm	ASTM D5185m ASTM D5185m WC Method	>125 >20 >0.1	6 0 NEG		
Potassium Water Silt	ppm ppm scalar	ASTM D5185m ASTM D5185m WC Method *Visual	>125 >20 >0.1 NONE	6 0 NEG LIGHT		
Silicon Potassium Water Silt Debris	ppm ppm scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual	>125 >20 >0.1 NONE NONE	6 0 NEG LIGHT NONE	 	
Silicon Potassium Water Silt Debris Sand/Dirt	ppm ppm scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual	>125 >20 >0.1 NONE NONE	6 0 NEG LIGHT NONE NONE	 	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance	ppm ppm scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual	>125 >20 >0.1 NONE NONE NONE	6 0 NEG LIGHT NONE NONE NORML	 	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor	ppm ppm scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual	>125 >20 >0.1 NONE NONE NORE NORML	6 0 NEG LIGHT NONE NONE NORML		
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water	ppm ppm scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual	>125 >20 >0.1 NONE NONE NORML NORML >0.1	6 0 NEG LIGHT NONE NONE NORML NEG		
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium	ppm ppm scalar scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>125 >20 >0.1 NONE NONE NORML NORML >0.1	6 0 NEG LIGHT NONE NORME NORML NEG		
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron	ppm ppm scalar scalar scalar scalar scalar scalar ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m	>125 >20 >0.1 NONE NONE NORML NORML >0.1	6 0 NEG LIGHT NONE NORE NORML NEG 1 152		
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium	ppm ppm scalar scalar scalar scalar scalar scalar ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m	>125 >20 >0.1 NONE NONE NORML NORML >0.1	6 0 NEG LIGHT NONE NORML NORML NEG 1 152 0		
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m	>125 >20 >0.1 NONE NONE NORML NORML >0.1	6 0 NEG LIGHT NONE NORML NORML NEG 1 152 0 2		
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese	ppm ppm scalar scalar scalar scalar scalar scalar ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>125 >20 >0.1 NONE NONE NORML NORML >0.1	6 0 NEG LIGHT NONE NORML NORML NEG 1 152 0 2 0		
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>125 >20 >0.1 NONE NONE NORML NORML >0.1	6 0 NEG LIGHT NONE NORML NORML NEG 1 152 0 2 0 2 0 0		
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>125 >20 >0.1 NONE NORME NORML >0.1	6 0 NEG LIGHT NONE NORML NORML NEG 1 152 0 2 0 2 0 0 51		
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>125 >20 >0.1 NONE NONE NORML >0.1	6 0 NEG LIGHT NONE NORML NORML NEG 1 152 0 2 0 2 0 0 51 481		
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>125 >20 >0.1 NONE NONE NORML >0.1	6 0 NEG LIGHT NONE NORML NORML NEG 1 152 0 2 0 2 0 2 0 51 481 9		
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm ppm ppm pp	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>125 >20 >0.1 NONE NORME NORML >0.1	6 0 NEG LIGHT NONE NORML NORML NEG 1 152 0 2 0 2 0 0 51 481 9 2633		

Contact/Location: TONY DAVIS - CRAABEMD





ABERDEEN PROVING GROUND Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 Sample No. Received 6721 RARITON AVENUE : DC0021582 : 23 Apr 2024 Lab Number : 06158611 Tested : 24 Apr 2024 Unique Number : 10994034 : 24 Apr 2024 - Wes Davis Diagnosed Test Package : MOB 1 Contact: TONY DAVIS Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. tdavis@vacraneworks.com * - 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)

Contact/Location: TONY DAVIS - CRAABEMD Page 2 of 2

ABERDEEN, MD

T: (410)688-1725

US 21005

F: