

#### Machine Id

## 604160 CUMMINS X15

# Air Compressor

# MASIA KOPGRI-05 (--- GAL)

## RECOMMENDATION

Resample at the next service interval to monitor.

### **WEAR**

All component wear rates are normal.

### CONTAMINATION

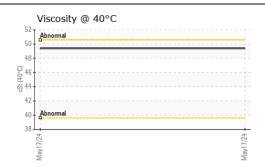
There is no indication of any contamination in the oil.

### **FLUID CONDITION**

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0788692		
Sample Date		Client Info		17 May 2024		
Machine Age	hrs	Client Info		15814		
Oil Age	hrs	Client Info		894		
Filter Age	hrs	Client Info		894		
Oil Changed		Client Info		Changed		
Filter Changed		Client Info		Changed		
Sample Status				NORMAL		
			50	•		
Iron	ppm	ASTM D5185m	>50	2		
Chromium	ppm	ASTM D5185m	>4	<1		
Nickel Titanium	ppm	ASTM D5185m	>4	0		
	ppm	ASTM D5185m		-		
Silver	ppm	ASTM D5185m	. 10	0		
Aluminum	ppm	ASTM D5185m	>10	0		
Lead	ppm	ASTM D5185m	>20	0		
Copper	ppm	ASTM D5185m	>40	0		
Tin	ppm	ASTM D5185m	>5	0		
Vanadium	ppm	ASTM D5185m		0		
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
Yellow Metal Silicon	ppm	*Visual ASTM D5185m	>25	NONE 14		
Silicon	ppm	ASTM D5185m	>25	14	  	  
Silicon Potassium	ppm	ASTM D5185m ASTM D5185m	>25 >20	14 <1		
Silicon Potassium Water	ppm ppm	ASTM D5185m ASTM D5185m WC Method	>25 >20 >0.6	14 <1 NEG		
Silicon Potassium Water Silt	ppm ppm scalar	ASTM D5185m ASTM D5185m WC Method *Visual	>25 >20 >0.6 NONE	14 <1 NEG NONE		
Silicon Potassium Water Silt Debris	ppm ppm scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual	>25 >20 >0.6 NONE NONE	14 <1 NEG NONE NONE		   
Silicon Potassium Water Silt Debris Sand/Dirt	ppm ppm scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual	>25 >20 >0.6 NONE NONE NONE	14 <1 NEG NONE 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 *Visual	>25 >20 >0.6 NONE NONE NONE NORML	14 <1 NEG NONE 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	>25 >20 >0.6 NONE NONE NONE NORML	14 <1 NEG NONE NONE NORE NORML 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	>25 >20 >0.6 NONE NONE NONE NORML	14 <1 NEG NONE NONE NORML NORML NEG 17		
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron	ppm ppm scalar scalar scalar scalar scalar scalar gpm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m	>25 >20 >0.6 NONE NONE NONE NORML	14 <1 NEG NONE NONE NORML NORML NEG 17 0		
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 *Visual ASTM D5185m ASTM D5185m	>25 >20 >0.6 NONE NONE NONE NORML	14 <1 NEG NONE NONE NORML NORML NEG 17 0 162		
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 *Visual ASTM D5185m ASTM D5185m ASTM D5185m	>25 >20 >0.6 NONE NONE NONE NORML	14 <1 NEG NONE NONE NORML NORML NEG 17 0 162 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 *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>25 >20 >0.6 NONE NONE NONE NORML	14 <1 NEG NONE NONE NORML NORML NEG 17 0 162 2 2 <1		
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	>25 >20 >0.6 NONE NONE NONE NORML	14 <1 NEG NONE NONE NORML NORML NEG 17 0 162 2 <1 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 ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>25 >20 >0.6 NONE NONE NONE NORML	14 <1 NEG NONE NONE NORML NORML NEG 17 0 162 2 <1 0 84		
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 ASTM D5185m	>25 >20 >0.6 NONE NONE NONE NORML	14 <1 NEG NONE NONE NORML NORML NEG 17 0 162 2 <1 0 84 418		
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus	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 ASTM D5185m ASTM D5185m	>25 >20 >0.6 NONE NONE NONE NORML	14 <1 NEG NONE NONE NORML NORML NEG 17 0 162 2 <1 0 84 418 1		
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 ASTM D5185m	>25 >20 >0.6 NONE NONE NONE NORML	14 <1 NEG NONE NONE NORML NORML NEG 17 0 162 2 <1 0 84 418		

Contact/Location: DAN CORBETT - TRIRICNY



Ferrous Alloys 10 mqq 0 /av17/2 Non-ferrous Metals 10 lead mdo Aay17/24 Mav17/24 Viscosity @ 40°C 52 51 50 49 48 4 41 (0°0+) 45 ŝ 44 43 47 41 40 39 38 May17/24 May17/24



: WearCheck USA - 501 Madison Ave., Cary, NC 27513 TRI-CITY HIGHWAY Laboratory Sample No. : WC0788692 Received : 24 May 2024 145 PODPADIC ROAD Lab Number : 06191402 Tested : 28 May 2024 RICHMONDVILLE, NY Unique Number : 11048154 Diagnosed : 28 May 2024 - Wes Davis US 12149 Test Package : FLEET Contact: DAN CORBETT Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. dcorbett@tchpi.com \* - Denotes test methods that are outside of the ISO 17025 scope of accreditation. Т: Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F:

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