

# UNITED UNICOAT DWF AT20

## Product Description

This solvent-based, water-displacing fluid forms a thin waxy film that delivers excellent rust prevention and salt spray resistance. It effectively removes moisture from metal surfaces, creating a protective barrier that isolates the metal from atmospheric exposure.

The product leaves a light waxy coating, providing extended protection during salt spray testing. It offers medium-term corrosion protection for ferrous and aluminum alloy components during storage and transportation, and is especially suitable for high-precision machined parts where heavier protective films are not desired.

Under normal conditions, the product provides approximately 6 months of outdoor protection and up to 4 years of indoor storage protection, depending on environmental factors and storage conditions. For optimal application, the fluid can be applied by dipping or brushing, depending on the size and type of the workpiece. The thin, waxy film does not interfere with subsequent machining operations.

## Applications / Benefits

- \* Effective water-displacement fluid
- \* Forms a thin oil coating that requires no subsequent removal
- \* Ideal for workpieces in transit between machining operations
- \* Compliant with RoHS requirements

## Typical Characteristics

Test Description	Method	Unit	
Density @ 15 °C	ASTM D 4052	kg/L	0.84
Flash Point (Close Cup)	ASTM D 93	°C	94
Salt Spray, hours to failure	ASTM D 117	Hrs	168~184
Humidity Cabinet, days to failure	ASTM D 1748	Days	60+
Film	Type	-	Waxy