

UNITED UNICOAT DWF AT14

Product Description

This solvent-based, water-displacing fluid forms a thin waxy film that provides outstanding rust prevention and salt spray protection. It efficiently removes moisture from metal surfaces, forming a protective barrier that shields the metal from atmospheric contact.

The product leaves a light waxy coating, offering prolonged corrosion protection during salt spray testing. It delivers medium-term protection for ferrous and aluminum alloy components during storage and transportation, and is particularly well-suited for high-precision machined parts where heavy protective films are undesirable.

Under normal conditions, the product offers approximately 3 months of outdoor protection and up to 4 years of indoor storage protection, depending on environmental and storage conditions. For best results, it may be applied by dipping or brushing, depending on the workpiece size and type. The thin waxy film does not affect subsequent machining operations.

Applications / Benefits

- * Highly effective water-displacing fluid
- * Forms a thin oil film that does not require removal after application
- * Suitable for protecting workpieces during transfer between machining operations
- * Compliant with RoHS requirements

Typical Characteristics

Test Description	Method	Unit	
Density @ 15 °C	ASTM D 4052	kg/L	0.83
Flash Point (Close Cup)	ASTM D 93	°C	92
Salt Spray, hours to failure	ASTM D 117	Hrs	96~112
Humidity Cabinet, days to Film	ASTM D 1748	Days	60+
	Type	-	Waxy