

UNITED UNICOAT DWF A12

Product Description

This solvent-based, water-displacing fluid forms a thin, waxy film that provides exceptional rust prevention and salt spray protection. It works by displacing water from metal surfaces and creating a protective barrier between the metal and the atmosphere.

The product leaves an oily coating, ensuring extended protection under Salt Spray testing. It offers medium-term protection for ferrous and aluminum alloy components during storage and transit and is particularly suitable for protecting highly machined precision parts where heavy films are undesirable.

This product provides approximately 3 months of outdoor protection and up to 4 years of indoor storage protection. The duration of protection depends on weather conditions and storage location. Depending on the size and type of the workpiece to be treated, it is recommended to apply the product by dipping or brushing. The thin oily film does not interfere with subsequent machining operations.

Applications / Benefits

- * Water displacement fluid
- * Thin oil coating, no need for subsequent removal
- * Best used for workpieces in transit between machining operations
- * Complies with RoHS requirements

Typical Characteristics

Test Description	Method	Unit	
Density @ 15 °C	ASTM D 4052	kg/L	0.807
Flash Point	ASTM D 92	°C	42
Salt Spray, hours to failure	ASTM D 117	Hrs	96 ~ 112
Humidity Cabinet, days to failure	ASTM D 1748	Days	60+
Film	Type	-	Soft
	Thickness	-	3.75 microns