



## UNICOAT DWF A12

**UNICOAT DWF A12** is a solvent-based, water displacing fluid that results in a thin, waxy film rust preventive compound offering exceptional salt spray protection. **DWF A12** works by displacing water from the metal and creating a protective barrier between the metal and the atmosphere.

**DWF A12** has an oily layer of coating and therefore results in longer hours before failure under the ASTM B-117 Salt Spray testing. It offers medium-term protection of ferrous and aluminum alloy compounds during storage and transit and is particularly suitable for protection of highly machined precision parts where heavy films are not desirable.

**DWF A12** offers suitable protection for approximately 3 months outdoor and 4 years indoor storage. Protection length is dependant on weather conditions and storage location. Depending on the size of type of work piece to be treated, **DWF A12** is recommended to be applied by dipping or brushing. The thin oily film does not hamper with subsequent machining operations.

### APPLICATIONS / BENEFITS

- Water displacement fluid.
- Thin oily coating, no need for subsequent removal.
- Best used for work pieces in transit between machining operations.
- Complies with RoHS requirements.

### TYPICAL CHARACTERISTICS

TEST DESCRIPTION	METHOD	TYPICAL RESULTS
Specific Gravity @ 15 °C	ASTM D 4052	0.79
Flash Point, °C	ASTM D 92	45
Salt Spray, hrs / failure	ASTM B 117	96 to 112
Humidity Cabinet, days / failure	ASTM D 1748	60+
Film	Type	Soft
	Thickness	3.75 microns

Product Data Sheet