

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	80+
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