

# WADIS 24

## WATER-DISPLACING AND CORROSION PREVENTIVE COMPOUND

**Specified in accordance with US norms MIL C - 16173 D Grade 3, BMS 3 23 E,  
AIRBUS Type I Grade I, SNECMA DMR 75609.**

***Product officially confirmed by AEROSPATIALE (EADS) AIRBUS INDUSTRIE, DASSAULT  
AVIATION, SNECMA (DMR 75609), TURBOMECA, AIR FRANCE, AIR INTER, U.T.A, MESSIER,  
FRENCH AIR FORCE (NORM AIR 0011/Nr. 107/ sheet Nr. 4207)***

WADIS 24 displaces water and humidity giving to the treated surfaces a water-repellency by adding a thin translucent, soft film with good anti-corrosive properties.

Its dielectric features are excellent. It can be used without any hazard on all switch gears and control gears, including high tension. WADIS 24 is also a releasing and lubricating agent.

WADIS 24 possesses a great affinity for metallic surfaces, superior to those of water. Owing to an extremely weak surface tension combined with a very strong capillary attraction, it acts by very quickly substituting itself for water, penetrating and infiltrating into the slightest porosities and fissures and form a monomolecular tight, insulating and protective film.

WADIS 24 does not attack paints, plastic and rubbers.

The translucent, soft, thin film of the product allows inspection of parts without requiring its previous removal.

The successive applications of WADIS 24 do not accumulate. A new application makes the old film dissolve; forming a new film.

Compatible with mineral oils, the protected pieces can come directly into contact with other lubricants and with hydraulic fluids.

As it is a lubricant itself, it can be used for shallow forming without any other protection.

It is unnecessary to remove WADIS 24 from pieces before a machining operation. A rapid mixture will be effected between product and cutting oil without any risk of dirtying.

WADIS 24 is compatible with long-lasting protectives such as **SOCOPAC**. When it is necessary to displace the water from the substrate (areas subjected to condensation) and in the same time to assure a long-lasting protection, WADIS 24 should be used first in order to displace water and then **SOCOPAC 50** should be applied to ensure protection of several years duration.

**Socomor**  
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## USES

Temporary protection at various manufacturing stages, protection of plates, formed plates, sets, spare parts, sets for assembly. Protection of tools, bolting screwing. Releasing agent for pieces (bolts, screws...).

Water proofing and anti-corrosive treatment in aeronautical maintenance, of the cell, engines and equipment particularly affected by atmospheric conditions.

Water proofing and anti-corrosive treatment in the metal finishing industry. Elimination of rinsing water on pieces after the pickling and phosphatising operation, on iron surfaces or aluminium treatment.

Water proofing, protective and renovating compound for switch gears and controlgears. Displaces water from winding, cleans and lubricates, recovers the insulators ratings.

## DIRECTIONS FOR USE

Shake the product before using.

Check that no other products are put into treatment tanks (thoroughly drain or dry pieces before dipping).

For dipping, it is possible to maintain a stable dry extract by using the appropriated diluent: **HYSO 96/1**.

WADIS 24 is applied by brushing, with a cloth, by immersing or spraying (manual spray, automatic installation, pressurized spray can).

- . Indoor storage : 12 months upto 2 years
- . Outdoor storage : 2 to 3 months

The protection time depends on the ambient atmosphere and the protected metal. It can be reduced to 15 days and less by an outdoor storage without shelter in particularly aggressive conditions such as sea fog, permanent rain or humidity and acid atmosphere.

In these extreme cases, it is necessary to make regular applications whose frequency will be determined by periodic checking, or to apply a compatible long term protective such as SOCOPAC.

## REMOVAL

WADIS 24 can be easily removed by means of water soluble products such as **SOCOMUL** or **SYNCLAIR** (**SYNCLAIR A/C** is recommended). When using a cleaning cloth, a solvent such as **HYSO**, **DIESTONE** or **SOCOSOLV** will be preferred.

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## TECHNICAL CHARACTERISTICS

. Appearance.....	mobile liquid, slightly turbid
. Colour .....	amber, dark
. Density at 20° C (68° F) .....	0.8
. Flash point (ISO 2592) .....	42° C (107,60° F)
. Covering power.....	about 50 to 25 m <sup>2</sup> /l
. Dry Film thickness (maximum) .....	5 microns
. Resistance to NFX 41002 salt fog exposure on steel (XC18S) .....	more than 100 hours
. Resistance to NFX 41002 salt fog exposure on aluminium (2024) .....	more than 400 hours
. Resistance by tropical atmosphere 35° C (95° F) 100 % relative humidity	
- on aluminium 2024 .....	more than 1000 hours
- on steel XC18S.....	more than 1000 hours

## STORAGE AND USE SAFETY MEASURES

Provide ventilation for vapours particularly in small enclosed areas.

Avoid any contact with skin, owing to the degreasing power of the solvents contained in the product.

Take the following precautionary measures : use away from fire - no smoking - the product must not be heated.

Aerosol cans must not be punctured nor stored at a temperature higher than 50° C (122° F).

Protect from sun and important sources of heat, preferably in a cool place.

**This technical data sheet cancels and replaces the previous one.**

The information contained in this technical data sheet is given sincerely but is only indicative. Therefore it involves no liability nor guarantee from our part, particularly in case of attack of third parties' rights as a result of the use of our product. The reported data result from the trials by SOCOMOR who besides may bring some technical changes to the product. On no account can those data replace the preliminary trials that must be carried out regarding the product suitability to each specific case. In all cases we invite you to check the local legislation applicable to the use of our product. Our services remain at your disposal for further information.

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