

WADIS 634 DM

WATER-DISPLACING COMPOUND FOR TEMPORARY PROTECTION

Approvals :

- **SAFRAN Group: TURBOMECA (CCT LA 706, CCT LB 800)**
- **Qualified by the French AIR FORCE (DGA - STPA) on account of the OTAN C-634 Standard.**

Composed of an active organic product in a petroleum distillate solution, containing no aromatic solvents, WADIS 634 DM meets the specifications of the Norm AIR 3634/OTAN C 634/DEF.STAN 68.10/2 (P x 24).

WADIS 634 DM is a water-displacing, lubricating fluid intended for all painted or unpainted metallic substrates and for electric motors or internal combustion engines exposed to humidity or corrosive atmospheres.

The hydrophobic action of WADIS 634 DM is both preventive and curative :

- Applied for a preventive purpose, WADIS 634 DM forms a thin, waterproof and impermeable film, thus isolating totally the metallic surfaces and preventing the corrosion chemically and physically.

- Applied on humid surfaces, WADIS 634 DM exerts an effect of affinity with those surfaces, both by capillary action and by surface tension. The water-repellent film is formed at once, substituting itself for the water film, creating a hydrophobic surface.

The product is totally homogenous, without risk of separation even at low temperature and is usable on all surfaces, included those which are brought to a high temperature (turbojets for instance), by spraying or by dipping.

WADIS 634 DM does not cause the deterioration of paints, plastic materials and elastomers (rubbers). It is non crazing on polycarbonates and Plexiglas.

WADIS 634 DM is an efficient protective compound for metals and alloys, steels, aluminiums, magnesium, titanium and copper.

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USES

Corrosion-preventive and water-repelling treatment of the cell, of engines, of main plane structures, of internal parts exposed to condensation and switchboards. Dewatering protection of turbo-engines after rinsing with soft water.

Drive water and humidity away from electric equipment, windings, contacts, engines and relays. Restores the dielectric characteristics of insulators.

Protection during storage and assembly of sheet metals, toolings, mechanical units, engines and machines. Eliminates the rinsing water on pieces after surface treatment. The lubricant properties of the product, joined to its water-repellent protection, make it usable for all mechanical equipment in operation.

TECHNICAL CHARACTERISTICS

. Appearance.....	amber clear liquid
. Density	0.79
. Covering power	35 m ² /l (± according to porosity)
. Flash point (ISO 2719)	43° C (109,40° F)
. Resistance at low temperature	- 20° C (- 4° F)
. Thickness of the film	about 5 microns
. Removing of lacquers formed at 150° C (302° Fh).....	100 %
. Resistance to salt spray fog ASTM B117-94 on steel.....	20 hours (at 35° C / 95° F)
. Resistance to alternate immersion on steel (AIR 0761/NFA 91411)	> 150 hours
. Resistance to tropical humid air on steel 35° C (95° F) 100 % relative humidity	> 700 hours

STORAGE AND USE SAFETY MEASURES

As for all products derived from oil, it is advised to wear gloves in case of frequent or prolonged contact. Use and store far from flames and heat sources. Carefully close the packages again after use.

Please consult the safety data sheet for further information.

This technical data sheet replaces and cancels the previous one.

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