

WADIS 24 60

Technical Data Sheet

WATER DISPLACING AND PROTECTIVE COMPOUND

Approvals and conformities

AIRBUS	Conform to ABP 1-4046 - AIMS 09-00-002 section 5.3.1, section 5.3.2 & section 5.3.3
AIRBUS	AIRBUS Maintenance application code 12ABE2 / CML 15-004
AIRBUS HELICOPTERS	ECA 3071 / IF-MA 338
CFM INTERNATIONAL	CP 5073
DASSAULT AVIATION	DGQT 1.7.0.0161
DGA (French Army)	Fiche d'identification et d'utilisation n° 4209 / AAA n° 107
ENGINE ALLIANCE GP7000	EAC-0203-4
GE	C02-025
IAE/V2500	CoMat 101-143
OTAN/NATO	C-634
PILATUS	VV0303/01
PRATT & WHITNEY	SPMC 124-5
SAFRAN AIRCRAFT ENGINES (formerly SNECMA)	DMR 75-615
SAFRAN HELICOPTER ENGINES (formerly TURBOMECA)	CCT 00706
SAFRAN LANDING SYSTEMS (formerly MESSIER-DOWTY)	PCS-2800
SAFRAN TRANSMISSION SYSTEMS (formerly HISPANO SUIZA)	
SEA (Service des Essences de Armées)	Fiche identif./utilisation N° C-634/1b
SNCF (French Railways)	Symbol 0.210.0126

High flash point aircraft corrosion inhibiting compound. Forms a powerful and protective water repellent and anti-corrosion film that displaces water and humidity.

WADIS 24/60 displaces and eliminates water and humidity making the treated surfaces water-repellent by adding a thin, translucent, soft film with excellent anti-corrosive power. It is particularly intended to remove the rinsing waters from pieces that have been surface treated. Its use in bath is facilitated by its high flash point. Free from boron, silicone and barium.

- The translucent, soft, thin, film formed by the product allows control operations on the pieces to take

place without removal being necessary. Successive applications of WADIS 24/60 are not additive. A new application leads to dissolution of the old film forming a new film.

- Compatible with mineral oils; the protected pieces can come directly in contact with other lubricants.
- As it is a lubricant itself, it can be used for a shallow forming without any other protection operation.
- It is unnecessary to eliminate WADIS 24/60 from pieces before a machining operation. A rapid mixture will be effected between product and cutting oil without any risk.

USES

- WADIS 24/60 can be used in all industrial sectors: aeronautical, space, shipbuilding, military, automobile, engineering, electronic, surfaces treatment etc., and also in manufacturing, repairs, unscheduled or preventive maintenance.
- The protection time depends on the ambient atmosphere and the protected metal. It can be reduced to 15 days and less for outdoor storage without shelter in a particularly aggressive environment such as sea fog, permanent rain or humidity or acid atmosphere. On average it reaches up to 2 years for indoor and up to 6 months for outdoor storage.
- WADIS 24/60 does not attack paints, plastic and rubbers.
- Water proofing and anti-corrosive treatment in the industry of metal finishing treatment. Displacement of rinsing water on pieces after pickling and phosphatising operations, on iron surfaces or aluminium treatment.
- Water proofing and anti-corrosive treatment in aeronautical maintenance, of the cell, engines and equipment particularly affected by atmospheric conditions.
- Temporary protection at various manufacturing stages, protection of plates, formed plates, sets, spare parts, sets for assembly. Protection of tools. Releasing agent for pieces (bolts, screws, ...).
- Water proofing, protection and renovating of switch gears and control gears. Displaces water from winding, cleans and lubricates, recovers the insulator 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 the dry extract by using the appropriated diluting product HYSO 96/3.
- WADIS 24/60 can be applied by brush, wipe, immersion or spray (manual spray, automatic installation, pressurised spray can).
 - Indoor storage: up to 2 years
 - Outdoor storage: up to 6 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 a particularly aggressive environment 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.

WADIS 24/60 is also available in aerosol and AEROSOL EXTENDER 60cm for application in cavities.

REMOVAL:

Removal can be made either with all surface washing products SYNCLAIR (SYNCLAIR A/C is advised) or solvents such as HYSO, SOCOSOLV, DIESTONE.

A bath monitoring protocol is available on request from our teams.

TECHNICAL CHARACTERISTICS

Appearance	clear brown liquid
Specific gravity	(at 20°C/68°F) 0,83
Flash point	(ISO 13736) >60°C/140°F
Covering power	20 to 25 m ² /l
Film thickness	5 to 8 microns
Resistance to cold	stable at - 20°C (-4°F)
Salt spray fog resistance	ASTM B117 - 336h on Aluminium 2024
Atmosphere resistance ... tropical 35°C (95°F) 100 % H.R. : on steel XC18S > or = 700 h / on aluminium 2024 > ou = 1000 h	

PRECAUTIONS FOR USE AND STORAGE

The organic composition of the product makes it not compatible with oxygen and oxidising agents.

WADIS 24/60 contains no toxic compound. Ventilation should be provided for vapours in small enclosed premises. Avoid prolonged contact with the skin because of the degreasing power of solvents contained in the product, which could affect the lipo-acid coating of the skin.

At an ambient temperature, WADIS 24/60 is not flammable. Because of its flash point, take appropriated safety measures: use away from fire - do not smoke - the product must not be heated.

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

Shelf life : Aerosol and bulk: 36 months / Presaturated wipes: 12 months

If a dilution is necessary (dry extract adjustment of a bath for instance), use HYSO 96/3 especially formulated to preserve all the product qualities.

For more information regarding the danger of the product, please consult the product safety data sheet according to local regulation.

For professional use only.

This technical data sheet replaces and cancels the previous one.

The above details have been compiled to the best of our knowledge. They have, however, an indicative value only and we therefore make no warranties and assume no liability in connection with any use of this information, particularly if a third party's rights are affected by the use of our products. The above information has been compiled based upon tests carried out by SOCOMORE. All data is subject to change as SOCOMORE deems appropriate. The data given is not intended to substitute for any testing you must conduct in order to determine the suitability of the product for your particular purposes. Pictures are not contractual. Please check your local legislation applicable to the use of this product. Should you need any further information please contact us.