



ADF 709

The **Spanjaard ADF 709** gives a bonded dry film of Molybdenum Disulphide. The resin which is itself wear resistant gives good adhesion to metal surfaces and operates over a wide temperature range.

APPLICATIONS

The product gives dry film lubrication where surfaces are subject to extreme pressures, i.e. plain bearings, gears, shafts, etc.

This product is specified by Navies, Armies, Air forces and Military Sub-Contractors for military equipment.

Spanjaard ADF 709 dry film lubrication is suitable for use in corrosive and high temperature environments. It gives corrosion protection during shipping and storage.

Spanjaard ADF 709 provides protection from scuffing and lubricates during assembly and start-up.

SPECIAL NOTE

This product is quite different from the bulk form of **Spanjaard ADF (AIR DRYING FILM)** and meets the very much higher standards demanded by various MIL., DEF., and NATO specifications.

Conforms to the following military specifications:-

MIL-L-8937D
NATO S1738
DEF ZX-34

TYPICAL PROPERTIES

Lubricant	Molybdenum Disulphide
Flash Point	6°C
Operating temperature range of cured film	<350°C
Diluent Solvents	Aromatic and chlorinated



APPLICATION INSTRUCTIONS

Thoroughly degrease the surface using a good quality non-hydrocarbon degreasing agent such as our "Spanjaard Electric Motor Cleaner", Perchloroethylene, Trichloro-ethylene, etc.

The **Spanjaard ADF 709** is a concentrate and should normally be diluted before use.

For brush and dip applications, add an equal volume of diluent.

For spray applications, add 1 to 3 volumes of diluent.

For superior adhesion, the metal surface should be roughened by sand blasting or phosphating.

Care should be taken that a thin, even film is applied.

N.B. - **Spanjaard ADF 709** is highly flammable. Using a chlorinated solvent as diluents will reduce the fire hazard.

CURING

Spanjaard ADF 709 dries to touch in 3 minutes. Air curing is complete in 24 hours at ambient temperatures of 20°C. Oven curing can be achieved in one hour at 150°C. (The film must be allowed to touch dry before oven curing.

HANDLING AND STORAGE

Flammable. Do not spray near open flame or incandescent material. Use in well ventilated areas. Keep out of reach of children. Store under cover.

PACKAGING

500g Tin
5kg Tin

CP/mg/ADF-709 – May 2016

**Certified as an
ISO 9001 Manufacturer
by the SABS**

**Manufacturers & Distributors of
Special Lubricants & Allied Chemical
Products**

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