SPANJAARD

Data Sheet

AIR DRYING FILM - ADF

Spanjaard ADF is a dispersion of very fine particles of Molybdenum Disulphide in an air drying resin. It provides lubrication when oils and greases cannot be used. It is available in bulk as well as in an aerosol spray.



APPLICATIONS

Pre-Assembly Treatment

Spanjaard ADF provides protection from scuffing and other assembly problems during running in. With the aerosol can, it is possible to apply an extremely thin film which will not interfere with normal assembly tolerances. The average particle size of MoS_2 is 0,4 micron.

Protective Coating

Spanjaard ADF prevents corrosion during shipping and storage. Thus expensive parts can be protected from rust and are pre-lubricated, ready for immediate use. **Spanjaard ADF** provides a protective coating resistant to nearly all acids and alkali (including nitric acid).

High Temperature Lubrication

Spanjaard ADF provides a stable lubricating film at temperatures of -20°C to 350°C. Even though resin breakdown starts at this temperature, the Molybdenum Disulphide continues to act as a dry lubricant up to 450°C (or higher if air access is reduced). **Spanjaard ADF** is widely used as a high temperature lubricant in the steel industry.

Dry Lubrication

Spanjaard ADF is the answer when problems are caused by the application of conventional wet lubricants and provides dry lubrication in dusty conditions.

Spanjaard ADF is used to lubricate and protect humble hooks in the mining industry.

Cutting Tools

Great benefit can be derived by the use of **Spanjaard ADF** on Cutting Tools. For maximum effectiveness the tools should be ground crosswise to the direction of chip flow to provide reservoirs of Molybdenum Disulphide.

Plastic Surfaces

Spanjaard ADF can be used to advantage on many plastic surfaces such as nylon bearings.

APPLICATION INSTRUCTIONS

1. Thoroughly degrease the component to be treated, preferably with a safety solvent, e.g. Spanjaard Electric Motor Cleaner which leave no residue.

SPANJAARD (PTY) LTD
PO BOX 7294
JOHANNESBURG
2000
SOUTH AFRICA
TEL: +27 (0)11 386 7100
EMAIL: info@spanjaard.biz
WEBSITE: www.spanjaard.biz

2. Shake the aerosol can vigorously and apply one or more thin layers of Air Drying Film, allowing 3 minutes drying for each coat. If bulk is used, stir product and dip, spray or brush on a thin coat.

3. For aerosol coating, wait 24 hours for the resin to cure at room temperature or cure at 250°C for one hour. Thicker coats applied by dipping brush or spray gun might require longer curing.

NOTE: -

Phosphating or grit blasting after degreasing increases the ability of the **Air Drying Film** to bond to the surface of the component.

HANDLING AND STORAGE

CAUTION: DANGER - Extremely flammable aerosol. Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C. Keep away from heat / sparks / flames / hot surfaces. No Smoking. Do not pierce or burn, even when empty. Do not spray onto an open flame or any incandescent material. 55% by mass of the contents are flammable. Suspected of causing cancer. May damage fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure. Causes skin irritation. Do not breathe vapour. Use only in well ventilated areas. Keep out of reach of children. Store under cover.

PACKAGING

325ml Aerosol
5l tins

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