700

MOLYSPRAY

MOLYBDENUM DISULFIDE

DRY LUBRICANT

DEFINITION

Molybdenum disulfide powder in suspension in aerosol packaging . Used for the pre-treatment of parts before assembling.

ADVANTAGES

Conforms to the M5A standards of Charbonnages de France (the French Coal Board).
Approved by the aircraft industry FR no. 34593STA/SE/S5.
ANTI-WEAR TREATMENT :
Preparation of metallic surfaces : makes running-in easier, reduces friction strains, avoids seizing-up, increases parts lifetime.
The film built does not create shimming, thus it does not cause a reduction of mechanical gaps.
PROTECTION AGAINST CONTACT AND FRICTION RUST :
A **MOLYSPRAY** application significantly slows down and often eliminates “fretting” problem (various assemblies, bearings bushes, cones mounting, swinging joints, etc …).
Approved by the spacecraft industry PD 81600: NATO S 749, US MIL L 23398 C.
Agréé par AIR LIQUIDE :
RE N° 2006/R 320 selon norme ISO 11114-3 et EN 1797 pour une utilisation jusqu’à 20 bars et 250°C

APPLICATIONS FIELDS

Taps and compressed air bottles, including oxygen, as well as mechanisms and regulators and pipes fittings.
Working static or dynamic mechanic parts which should not receive liquid or plastic lubricants.
Mechanisms of automatic weapons.
Mechanisms working in dusty environment, threaded or non threaded assemblies to make later assembling and disassembling easier, suppressing contact rust. (Note that in the absence of air the product still remains efficient even if parts are subjected to temperatures close to 700° C).
For easier assembling and strains reduction of cold fitted assemblies and various fitted assemblies.
Various mechanisms subjected to important temperature variations making the use of liquid or plastic lubricants almost impossible.
Dry lubrication of rotating or sliding joints out of synthetic materials, in particular on pneumatic servomechanisms not lubricated by standard processes.

Etablissement principal
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TECHNICAL CHARACTERISTICS

Dry lubrication from	– 200° C to + 450° C (600° C in non oxidizing atmosphere).
Friction coefficient :	0.03 – 0.06.

Density at 20° C of MoS2 powder, standard ISO 787 IXI : 4.9.
Insoluble in water and usual solvents.

INSTRUCTION FOR USE

For optimum efficiency, surfaces to be sprayed must be thoroughly cleaned with a solvent and should not show any trace of oxidation.
Shake well aerosol before use.
Move the opening of the diffuser toward the surface to be treated and remain at a distance of 20 to 30 cm from the part.
Press vertically on the diffuser. Spray very lightly avoiding excesses. Allow the film to dry.
It becomes mat grey.
NOTA : do not spray on hot parts.

PACKAGING

SPRAY CAN 650 ml	Réf 4700 A4	x 12

AGREMENTS

- **Aérospatiale** PQ 816.00 (= **US MIL** L 23398 D = **OTAN** S 749)
- **OTAN** S 740 – homologué par le SEA 10.02.2012 006042 – (MIL M7866)
- **AIR** 4223
- Agréé par **AIR LIQUIDE** : RE N° 2006/R 320 selon norme ISO 11114-3 et EN 1797 pour une utilisation jusqu'à 20 bars et 250°C
- Conforme aux normes M5A des **Charbonnages de France**
- Homologation **aéronautique FR** n° 34593STA/SE/S5

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