

TF Dry



Reg. No. 139 796
Category Code: H2

Bardahl TF Dry NSF H2 is a synthetic, highly concentrated drying lubricant based on PTFE (polytetrafluoroethylene). It possesses exceptional high-pressure properties and an excellent affinity for various materials. The lubricating film that remains after drying is very thin, not oily, and crawls into the narrowest places.

Bardahl TF Dry is NSF registered under number 139 796 H2

The problem

Lubricating oils and greases can solve most of the difficulties in lubrication in the industry. However, there are many applications where it is impossible to use the oils or greases that reduce friction and wear (danger of stains, dust, etc.). However, if such surfaces are not lubricated, overheating, severe wear, and deterioration will occur, compromising safe operation and increasing operating costs. Only surface treatment exists to solve this problem, reduce friction, and increase wear resistance between the moving parts, even if the solution is unsatisfactory.

A lubricant is generally required, but it should not be oil-based. Therefore, Bardahl developed a chemical lubricant with a volatile base after studying these problems.

How it works

This dry lubricant is a synthetic grease that is scientifically composed. It is a mixture of components with exceptionally high-pressure properties with a very high affinity for metal surfaces and forms a tough, absorbed molecular film. Bardahl TF Dry contains highly volatile solvents, which evaporate quickly after use. A fragile, dry, non-oily lubricating film remains on the treated surface.

Characterize

Bardahl TF Dry is very liquid and transparent in color; after drying, a white Teflon layer remains on the surface. **Bardahl TF Dry** is antistatic and offers excellent resistance to water and flow, acids, and base solvents. It prevents adhesive ions of metals, plastic, glass, rubber, wood, etc.

Advantages

- Long-lasting, high lubrication force
- Insensitive to water and electricity
- Excellent resistance to high static and dynamic loads
- Effective corrosion protection
- Does not allow itself to fade and does not attract dirt or dust

Application

This dry lubricant is suitable for all surfaces to be lubricated with minimal clearance that needs clean and adequate lubrication. Ideal for printing machines and chains (with and without O-rings), hinges, locks, etc. This grease is also very thermally stable (up to 300°C). PTFE dry lubricant is insoluble in all non-fluorinated solvents. This spray can is filled with environmentally friendly gas and can be sprayed from any position.

NSF approval registration number 139796 H2.

Analytical characteristics

SG (20°C), g/ml	0,604 g/ml
pressure (20°C), Bar	4,8
Basis	PTFE dispersion, polymers in alcohol solvents
Color	White / transparent
Smell	Alcohol
Optimal use. temperature °C	-80 to 260
Max. temperature °C	300
Skin formation time (min)	1
Drying time after 20°C	Min 5
Solvent	Propane/Butane

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Content 400 ml