MOLYBKOMBIN UMF T4 Spray

Air-drying, easy-to-apply bonded coating based on MoS2

Your benefits at a glance

- **Good adhesion to metals for good wear protection**
- **Good wear protection due to high pressure resistance of the bonded coating**
- **Increased operational reliability with clean and dry surfaces**

Your requirements – our solution

Due to increasing cost pressure, operators expect good temperature stability and reduced maintenance costs.

To decrease your operating costs, we developed MOLYBKOMBIN UMF T4 Spray. Our aim was to offer you an easy to use product, so it comes in a spray can for easy application.

MOLYBKOMBIN UMF T4 Spray is an air-drying, black bonded coating based on molybdenum disulfide (MoS2), an organic binder and an inflammable solvent mixture.

MOLYBKOMBIN UMF T4 Spray is liquid and ready-to-use. Once applied and hardened, the bonded coating shows good wetting of metal surfaces and is very resistant to pressure. Its dry lubricating film is suitable for use at temperatures up to approx. 450 °C.

Application

MOLYBKOMBIN UMF T4 Spray is a friction and wear reducing lubricant for the lubrication of, for example, width screw spindles in textile stenter frames. The dry coating prevents adhesion of lint and dirt to the metal surface, making maintenance and cleaning work easier while ensuring precise low-torque width adjustment of the threaded spindles for a long time. MOLYBKOMBIN UMF T4 Spray is also suitable as an assembly aid for bearings, bolts and screw connections and as running-in aid for plain bearings and sliding points.

Additionally, MOLYBKOMBIN UMF T4 Spray eliminates stick-slip on guide ways.

MOLYBKOMBIN UMF T4 Spray is also used in metal forming, for example to protect against wear and to extend the lifetime of drawing and cutting tools, to impregnate diecasting moulds and to lubricate cores, ejector pins and moving mould parts in pressure and gravity diecasting machines.

Application notes

Shake MOLYBKOMBIN UMF T4 Spray before use. The surfaces to be coated need to be free from oil, grease, water, corrosion and dirt.

Keep aerosol can vertical and spray in thin and uniform layers from a distance of approx. 20 cm. We recommend coating large surfaces crosswise.

MOLYBKOMBIN UMF T4 Spray contains an inflammable solvent mixture. Do not spray against naked flames or incandescent materials. Protect against direct sunlight and temperatures above 50°C.

If you wish to optimise the service life of your equipment or have any other questions regarding your application, our experts will be pleased to help you. Just contact us.

Material safety data sheets

Material safety data sheets can be requested via our website www.klueber.com. You may also obtain them through your contact person at Klüber Lubrication.

Pack sizes	Molybkombin UMF T 4 Spray
Aerosol can 400 ml	+

Product data	Molybkombin UMF T 4 Spray
Article number	081005
Chemical composition, binder	organic
Chemical composition, solid lubricant	molybdenum disulphide

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Product data	Molybkombin UMF T 4 Spray
Chemical composition, solvent	acetone
Chemical composition, propellant	dimethylether
Lower service temperature	-40 °C / -40 °F
Upper service temperature	450 °C / 842 °F
Colour space	black
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	24 months

Klüber Lubrication – your global specialist

Innovative tribological solutions are our passion. Through personal contact and consultation, we help our customers to be successful worldwide, in all industries and markets. With our ambitious technical concepts and experienced, competent staff we have been fulfilling increasingly demanding requirements by manufacturing efficient high-performance lubricants for more than 80 years.

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