



Optimol

OPTIMOL OPTICOATING TF SPRAY

Product Data Sheet

DESCRIPTION

OPTIMOL OPTICOATING TF SPRAY - greyish-black solid lubricant coating based on MoS₂.

OPTIMOL OPTICOATING TF SPRAY is a dry lubricant with good adhesion to metal lubrication points with high surface finish.

It is especially suited for lubrication of tight-fitting components. Its dry spray able film is ideal for hard-to-reach lubrication points or points where fluid components would contaminate processes.

OPTIMOL OPTICOATING TF SPRAY also provides good base lubrication to eliminate stick-slip, reduce wear and friction. Avoids damaging of sliding surfaces working under extreme loads.

FEATURES

- Spray able, easy handling
- Extremely economical in use
- Outstanding adhesion to all metal surfaces
- Optimum wear protection
- Minimum friction coefficient (μ approx. 0.04)
- Outstanding load carrying ability
- Good separation ability
- Dry lubricating film, does not attract or hold dust, fly lint
- Aging-resistant and temperature- stable
- Temperature application range:

In ambient air: - 180°C to + 450°C

Sealed from air: - 180°C to + 650°C

Under protective gas: - 180°C to + 1300°C

- Complies with international specifications (see page 3 for details)



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USES

OPTIMOL OPTICOATING TF SPRAY for lubrication and wear reduction at sliding surfaces, gear teeth, spindles, bed ways and iron or nonferrous metal guides (not for white metals). Especially efficient for hard-to-reach lubrication points. i.e. bolt holes, threads, gear rims and adjusting spindles in the wood, paper and glass industries.

OPTIMOL OPTICOATING TF SPRAY for base lubrication of highly loaded plain bearings, toothed racks, guides, ejector pins and door and flap jack screws. Lubricity is not affected by dust or aggressive ambient atmospheres.

Approved by all major manufacturers of tenter frames.

For lubrication of width adjusting spindles. Dust and lint will not accumulate.

APPLICATION

Thoroughly clean and degrease metal surfaces.

OPTIMOL OPTICOATING TF SPRAY contains solvents, hence observe handling instructions for solvent-containing products.

Shake spray can well before use. Apply thin and even layer of dry lubricant. Empty the spray nozzle after use. Spray can contain non-flammable propellant.



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TECHNICAL DATA

	Unit	Value	Test Method
Colour	-	greyish-black	-
Density	g/cm ³	4.8	-
Particle size (Fischer Subsize)	µm	0.6-0.8	-
Mohs hardness	-	1.0-1.5	-
Base	-	MoS ₂	-
Purity	%	>98.5	
International Specifications	Bundesamt für Wehrtechnik (Federal agency of defence)		VTL 6810-015
	French Specification		AIR 4223
	English Specification		DEF 2304
	American Specification		MIL-M 7866B
	NATO Specification		S740

The technical data are based on average test results. Minor deviations may occur from case to case.

Further product information is available on request.