

ITC Bond

Moly DiSulphide Based Dry Bonded Lubricant

Benefits :

- Reduces friction and wear in high pressure sliding surfaces.
- Prevents seizures at high temperatures.
- Dry long term lubrication.
- Moly DiSulphide provides high load carrying capacity.
- Superfine MoS₂ used for fine and uniform dispersion from aerosol can.
- Eases dismantling and assembling during installation.
- Dry bonded coating ensures no inclusion of dust & dirt after application.
- Saves threads from galling.
- Resists fresh and salt water corrosion.
- Guards against rust & corrosion.
- Can be conveniently used by brush, dipping or airless spraying methods.
- Wide range operating temperature band (-) 185°C to (+) 450°C.

Applications :

- Used as a dry bonded lubricant on sliding surfaces.
- For high load applications.
- Where environments are dusty / dirty a dry non-oily and non-greasy films are preferred.
- As a lubricant in slow oscillating movements.
- For turbine blade assembly lubrication.
- Can be applied to gears, racks and pinions, spline shafts, pivots, joints and threaded parts, crane, gantry rails.
- On lug parts / leg support base plates of vertical equipment / horizontal equipment for easy movements under loads and thermal expansion at elevated temperatures.

Characteristics	Test Method	Unit	Specifications
Appearance	Visual	–	Fowable liquid
Colour	Visual	–	Greyish Black
Density @27°C [typ.]	*CTM	gms/cc	1.0 ± 0.1
Film Type	Visual	–	Dry
Coating Thickness	*CTM	μ	6 – 8
Drying Time			
Touch Dry	Visual	minutes	10
Tack Free	Visual	minutes	30
Curing	Visual	hours	24

*CTM=Corporate Test Method.

MSDS available on request.

Due to continual upgradation of products above data is subject to change without notice

This supersedes our previously issued data sheets.

[REV.5 / 01.01.14]

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