



PRODUCT-INFORMATION

1. Product Name

MECHANO-LUBE[®] 1D6

2. Product description:

MECHANO-LUBE[®] 1D6 is a water based graphite dispersion for the cold bar forging and expanding. MECHANO-LUBE[®] 1D6 is designed for high pressing force of >50 MN and sticks perfectly. The formulation avoids contact welding. MECHANO-LUBE[®] 1D6 can be applied by painting, spraying rolling.

3. Applications:

- Forging shops, cold forming cold expanding
- Production of retaining rings
- Production of self-lubricating coatings
- Releasing agent cold reinforcing of austenitic steel

4. Properties:

- Sticks on most surfaces
- For all manual and automatic spraying systems (air-spraying and airless)
- heat resistance
- Uniform wetting
- High stability
- Compatible with most water based dispersions
- No heavy metals or phosphates
- Nonflammable, safe to use, safe to store
- Non corrosive
- Odorless (Ammonia free)



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5. Technical data:

Property	Specification	Unit
Solid content	40.0	Wt. %
Carrier	water	
Diluent	water	
Ionogenity	Non ionic	
Density	1.20	g/ml
pH	10.0	

6. Dilution

MECHANO-LUBE[®] 1D6 is supplied as a concentrate and can normally be diluted with ordinary tap water prior ready to use.

Information provided on this technical data sheet indicates the approximate physical and chemical properties of the material. No warranty is made either expressed or implied regarding the accuracy or the results to be obtained from the use of such information.