



PRODUCT-INFORMATION

1. Product Name

MECHANO-LUBE[®] 1VP574

2. Product description

MECHANO-LUBE[®] 1VP574 is a water based graphite dispersion containing a special releasing aid for hot aluminum forging. Special property of this dispersion is the high content of very fine ground and special processed graphite. MECHANO-LUBE[®] 1VP574 is extremely versatile and performs well for complicated work piece. The flow ability of the aluminum will be improved due to the reduction of the oxide layer. The dispersion has a shelf life of 9 month without stirring. The special processed graphite shows a low friction coefficient.

3. Applications

- Aluminum and steel forging shops
- Forged parts with deep gravities
- Aluminum
- Copper and brass

4. Properties

- For all manual and automatic spraying systems (airspraying 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)
- VOC and APEO free



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5. Technical data:

Property	Specification	Unit
Solid content	35,0 ± 1	Wt. %
Particle size D ₅₀	<5,0	µm
Carrier	water	
Diluent	water	
Ionogenity	Slightly anionic	
Density	1,17-1,19	g/ml
pH	7-9	

6. Dilution

MECHANO-LUBE[®] 1VP574 is supplied as a concentrate and can normally be diluted with ordinary tap water prior ready to use.

7. Storage

MECHANO-LUBE[®] 1VP574 should not be exposed to direct sun. Protect against frost. Shelf life under normal storage conditions 12 month.

Remark:

Profit from our long-lasting experience in the field of hot metal forming and contact us. We are ready to assist you.

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.