DIE-LUBRIC 7250 BS

WATER DILUTABLE, WAX FREE DIE-FACE LUBRICANT FOR ALUMINIUM AND MAGNESIUM

DESCRIPTION

DIE-LUBRIC 7250 BS is a water dilutable, wax free die face release lubricant for high pressure die-casting of components made of aluminum or magnesium alloys. The product has an exceptionally good wetting ability, even at high die temperatures.

The emulsions give a very uniform film with a particularly good release effect. The lubrication of moving parts such as cores and ejector pins is ensured.

DIE-LUBRIC 7250 BS produces bright and clean castings. The formation of deposits on over sprayed areas and within die cavities is avoided by use of this product. The die-face lubricant is completely free of wax. This effectively prevents the formation of deposits on separating surfaces and die frames. Also the clogging of nozzles by dried debris residues is safely avoided.

BENEFITS

- for aluminium and magnesium
- wax free
- free of mineral oil
- very high wetting capacity
- no build-up layers
- for high mould temperatures
- can be used in microbially contaminated systems

Due to the special selection of raw materials, DIE-LUBRIC 7250 BS is also suitable for use in normally microbially contaminated systems despite its formaldehyde-free formulation. This benefit and special functionality is particularly advantageous when the release agent is used in central supply system. The risk of clogging in pipelines, filters and spray nozzles by bacteria or fungi is safely avoided because of the extremely high flushing effect and stability of the product.

The product is free of formaldehyde or corresponding depot substances.

DIE-LUBRIC 7250 BS does not cause any problems during painting or electroplating when properly used and normal cleaning or pre-treatment of the cast parts is undertaken. The residues on cast components are compatible for most typically found paint processes.

PHYSICAL DATA

Mixing ratio*	1:90 – 1:120
Wax content	○○○○○
Polysiloxane amount	●●●●●
Oil content	●○○○○
Casting complexity	●●●○○

*Depending on the casting complexity and the operating parameters

Measurement by colorimeter:
Due to the different water qualities, the values determined by colorimeter can fluctuate and should be verified by own created measuring points.

HANDLING AND STORAGE

The recommended storage temperature should be between 5 - 35 ° C, frost should be avoided.
Always observe the use by date on the container.

Only valid in combination with EC Safety Data Sheet
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