



FORGE-MAX 127

Universal forging lubricant and release agent

Description

FORGE-MAX 127 water based graphite lubricant. A universal lubricating and separating agent without ammonia, determined for tool lubrication during difficult die forging, deep pressing and in case of high demands on lubrication. Graphite layer favourably decreases tool wear and allows easy release of forged pieces efficiency. FORGE-MAX 127 combines effective die filling as well as

excellent wetting at various forging temperatures.

Benefits

- Excellent lubrication
- Thin film with improved adhesion
- Easy release from press
- Environmentally friendly
- Noncorrosive
- Free of ammonia
- Easy to apply

Typical performance data

Solids	Graphite
Diluents	Water
Colour	Black
Solids, m/m%	>27
Bulk density, kg/L	1,15-1,25
Ammonia content mg/L	Nil
Consistency	Thixotropic fluid
Shelf life, months	12

Use

FORGE-MAX 127 must be applied through spraying techniques using appropriate nozzles or handguns. Its application to the dies and punches is made with the product diluted in water at ratios varying from 1:5 to 1:30 (product/water) depending on the operational parameters and prevailing conditions as for instance die and punch temperature, speed of the operation, distance and length of time of the application.