

STRUB Zonal 160/02

drop forge lubricant

Art.-No. 32509

Description

Zonal 160/02 is a water-miscible die lubricant containing graphite for the non-cutting hot forming of metals. It prevents sticking of metals to dies and tools. The product reduces friction during forming and ensures metal flow. It is a forming lubricant concentrate. Mixing ratios of 1:10 are feasible even for parts that are difficult to demold.

Zonal 160/02 is an aqueous dispersion of graphite in water with the addition of native raw materials. Due to its very good wetting ability on hot tools, it is suitable for working temperatures up to + 1400 °C.

Application

Zonal 160/02 is usually diluted 1:8 to 1:15 with water. In special cases, such as damaged, cracked surfaces, temporary enrichment with concentrate is advisable. The lubricant-water mixture must be kept in motion by constant agitation to prevent settling of the graphite particles. The ready-to-use mixture is applied either manually with a hand sprayer or with the aid of an automatic spraying device.

Features and advantages

- High active ingredient content (38 %)
- Allows free flow of metal
- Produces high surface quality
- Low wear, therefore long tool life
- Economical application

Mixing ratio

For medium forging jobs STRUB Zinkol 9910 is diluted between 10 - 30 % with water, for simple parts lower concentrations between 6 - 15 % are sufficient.

Technische Daten

Color	black
Density at 20°C	1,240 kg/m ³
pH value	9.1
Active ingredient content	38%

Transport

ADR/SDR No dangerous goods

Disposal

LVA VeVA / EAK 12 01 09

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