



TECHNICAL DATA SHEET

LUBRIX 4065

Die lubricant for aluminium pressure die-casting



DESCRIPTION

Lubrix 4065 is a **water-based emulsion** containing lubricants and polymers capable to guarantee **exceptionally high release properties** and provides a **protective film**. Castings produced with Lubrix 4065 have **smooth and brilliant surface finish**. The product is pigment free and does not stain.

Applied in Aluminium pressure die-casting foundries.

PRODUCT PHYSICAL DATA

Appearance:	Opalescent liquid	Colour:	Light yellow
Density:	0,99 g/cm ³	Dilution carrier:	Water

METHOD OF USE

Add the exact quantity of product to the corresponding amount of water.

Pour the product into the water, stir thoroughly until fully mixed, and use the resulting emulsion immediately.

Do not store the diluted product for more than 24 hours.

DILUTION RATIO

Lubrix 4065 must be diluted with water before use. The typical dilution ratio is 1 part of product into 80-120 parts of water (in volume).

The optimal dilution rate should be determined through practical testing, as overly concentrated mixtures (i.e., low dilution rates) may result in reduced release performance compared to more diluted solutions.

When determining the ideal dilution, consider key factors such as die temperature, casting geometry and thickness, machine cycle times, and the efficiency of the cooling system.

PACKAGING AND STORAGE

25 kg steel pails

200 kg steel drums

1000 kg IBC

Warnings: The product is frost sensitive: Store at temperatures above 5 ° C and close the pails after use.

If properly stored the product shelf life exceeds 12 months.