



TECHNICAL DATA SHEET

LUBRIX 2061

Die lubricant for aluminium pressure die-casting



DESCRIPTION

Lubrix 2061 is a water-based emulsion containing lubricants and polymers capable of guaranteeing exceptionally high release properties. Castings produced with Lubrix 2061 have perfect and brilliant surface finish. Widely used in aluminium pressure die-casting foundries.

PRODUCT PHYSICAL DATA

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

METHOD OF USE

The exact quantity of product should be added into an exact quantity of water.

Pour the product into water, stir the content and start using the emulsion.

Do not leave diluted product standing for more than 24 hours.

In case available water is of "hard" nature we recommend using the diluted product within 2-3 days to avoid possible settling of some ingredients and possible breaking of the emulsion.

With hard water it is also possible to have carbonates formations appearing on die faces and lower releasing effect.

DILUTION RATIO

Lubrix 2061 is normally diluted with water.

Typical dilution is 1 part of product into 40-150 parts of water (in volume).

The perfect dilution rate should be determined by experience.

A too rich mixture (low dilution rate) could have lower releasing properties than one diluted to maximum.

Important to consider, the parameters of die temperatures, casting's geometry and thickness, machines cycles and cooling system.

PACKAGING AND STORAGE

25 kg steel pail

Warnings: The product is frost sensitive.

Store at temperatures above 5 ° C and close the package after use.

If properly stored the product shelf life exceeds 12 months.