

# **DUOFIX FA 11**

Water-based graphite suspension with high lubricating capacity for hot-forming processes, e.g. steel forging



## Benefits for your application

- Water-based product, dilutable to meet customer-specific process requirements
- Non-flammable product, increasing process reliability as well as workplace and environmental safety
- High content of active component reduces consumption
- Low tendency to form residues helps to improve mould filling and dimensional accuracy
- Product can be applied by conventional methods including spraying

## Description

DUOFIX FA 11 is a water-based graphite suspension which offers good lubricating and die release capacity. This is of particular advantage in case of high surface pressures.

As the water evaporates, the viscosity and adhesion of DUOFIX FA 11 increases.

The type of graphite contained in DUOFIX FA 11 allows the product to be removed from the die without leaving much or any residues, thus ensuring good mould filling and dimensional accuracy.

DUOFIX FA 11 is easily sprayable despite its high active agent content.

### **Application**

DUOFIX FA 11 can be used for many hot-forming processes for aluminium, aluminium alloys and steel. It is particularly suitable for forging. Depending on the process requirements, DUOFIX FA 11 may be applied to the die neat or diluted.

## Application notes

The product can be applied after thorough stirring using conventional application methods, for example sponge, brush, roller or spray nozzle, and be spread evenly either manually or automatically.

DUOFIX FA 11 can also be sprayed onto the hot surfaces using a spray gun (nozzle diameter 0.8 mm, compressed air approx. 2 bar, distance approx 10 - 20 cm).

### Material safety data sheets

Material safety data sheets can be requested via our website www.klueber.com. You may also obtain them through your contact person at Klüber Lubrication.

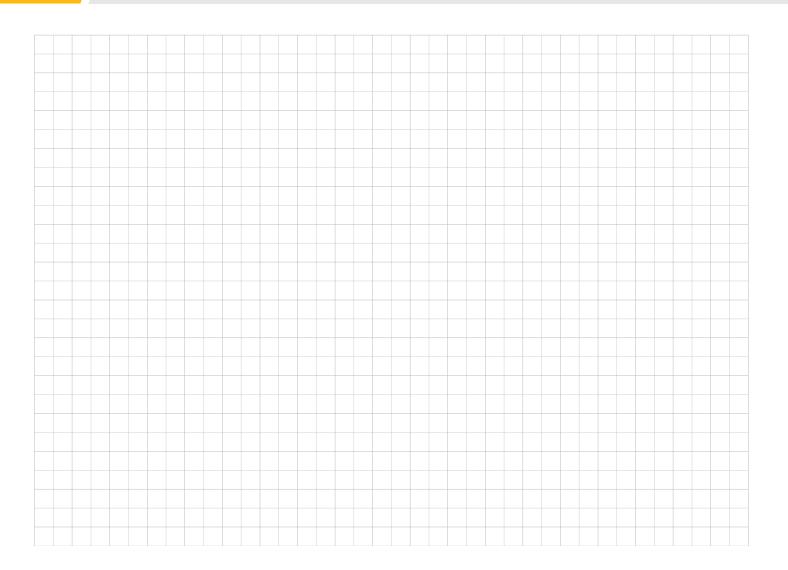
Pack sizes	DUOFIX FA 11
Canister 10 I	+

Product data	DUOFIX FA 11
Article number	042016
Texture	liquid
Colour space	black
Density, DIN 51757, 20 °C	approx. 1.14 g/cm³
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	12 months



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Innovative tribological solutions are our passion. Through personal contact and consultation, we help our customers to be successful worldwide, in all industries and markets. With our ambitious technical concepts and experienced, competent staff we have been fulfilling increasingly demanding requirements by manufacturing efficient high-performance lubricants for more than 80 years.

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