

# ZUSOPLAST O 119

## Pressing and lubricating oil



### Chemical basis:

Low-hazardous hydrocarbons

### Characteristics:

Appearance: yellow liquid  
Solubility: water-insoluble  
Density (20 °C): approx. 0.80 g/cm<sup>3</sup>  
Residue on ignition: max. 0.1 %  
Viscosity (20 °C): approx. 5 mPas

### Shelf-life / Packaging:

12 months under proper conditions  
drums of 20, 160 and 750 kg

### Application:

ZUSOPLAST O 119 is used as a separating agent for steel and resin moulds when producing articles with rotational symmetry.

The additive is sprayed on the mould or clay blank. It contains a component that prevents the formation of aerosols and it is therefore particularly suitable for spray application. The effect is the result of the formation of a lubricating layer between the body and the mould wall. The reduction in friction makes it possible to keep the mould and die in service longer.

The preparation can also be used as dust-binding agent.

Depending on the body composition and the complexity of the pressed or extruded part, ZUSOPLAST O 119 should be added at 0.5 - 5.0 %.

In contrast to conventional separating oils, the precise products of combustion of ZUSOPLAST O 119 can be predicted on account of its defined composition. The product decomposes without residue to CO<sub>2</sub> and H<sub>2</sub>O in the oxidizing atmosphere of the kiln. Hence it pollutes the environment significantly less on account of the low emissions. The contents of pollutants, such as sulphur, benzene, xylene and toluene, are below the detection limits.

The odour produced during the production process is also considerably less than for conventional separating oils.

The above results have been obtained from trials in our laboratory and plant. In the light of changing conditions they can serve only as a guide and are therefore offered without obligation. We ask you to observe the possible rights of third parties.