

## DATA SHEET

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# SPRAYLUBE TF/05

**Special spray release agent, auxiliary for high pressure die-casting of light alloys**

**DESCRIPTION**

**SPRAYLUBE TF/05 is an ecological lubricating release agent.**

It is a fully synthetic compound in spray can, used in high pressure die-casting die lubrication, during the start-up and warm-up. It is also used whereas an auxiliary lubrication is requested.

**TECHNICAL DETAILS  
(referred to the liquid  
phase contained in the  
spray can)**

<i>Physical form:</i>	homogeneous, transparent liquid
<i>Odor:</i>	typical of the prod., light
<i>Density (20°C):</i>	0.910 g/ml
<i>Viscosity (40°C):</i>	approx. 62 cSt
<i>Solubility:</i>	insoluble in water, soluble in organic solvents

**SPECIFICATIONS**

DETERMINATION	METHOD	STANDARD LIM.
Appearance	Vis. (AO/1)	yellow homog. transp. liquid
Viscosity (40°C)	Cann. Fenske (VI/2)	55 - 75 cSt
IR spectrum	Overlap (IR/1)	min. 0.990 ref.spectrum

**CHARACTERISTICS**


💧 **SPRAYLUBE TF/05** has been specially designed and tested as a release agent to be applied on high pressure die-casting dies in case of heavy conditions, and on **thermally overstressed parts (pins, moving cores, ingates and other overheated zones)**.


🔧 **SPRAYLUBE TF/05** is able to enhance the anti-soldering power. It is used for the start-up of the dies and it **replaces profitably greases and pastes applied by brush or by pad**.

🌱 **Completely synthetic and highly biodegradable**, the product has a very low environmental impact and on the health of the operators. **It does not contain flammable gases.**

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**HOW TO USE**

 Apply the product directly on the die or specific zones to be treated, even on hot parts, the product does not contain flammable gases.

 The quantity to be applied is very low. By empirical tests performed in the lubrication of a whole die cavities, 0.5 g to max. 1.0 g per Kg of injected alloy, have been enough.

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**STORAGE**

 Avoid a prolonged storage with exposure to direct sunlight. Store at temperature between +5 and max. +40°C.

 Shelf life: not less than 18 months.

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**PACKAGING**

 Box: carton box containing 12 cans of 400 ml

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**FURTHER INFORMAT.**

**WARNING:** Container under pressure. Don not expose to direct sun light and don't store at temperatures over 50 °C. Do not burn or perforate, even after use. Do not vaporize on a flame or incandescent body. Avoid direct inhalation or spraying into the eyes. Keep away from children.

For information regarding safety, transport and disposal, refer to the Safety Data Sheet of the product.

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The data in this technical information sheet correspond to the properties of the product at the time of the sale and with regard to the specified application. It is on the responsibility of the user to make sure that the product is suitable for the use to which he intends to apply it.