

# DEM SW



**HOT-PRESSING**

**Detaching fluid for hot-pressing metals.**

## DESCRIPTION

- Biodegradable fluid, not oily, used to as detaching agent in hot-moulding of metallic parts

## APPLICATIONS

- Lubrifications of hot press-forging dies for steel with high-speed automatic apparatus such as Hatebur presses

## ADVANTAGES

Total **DEM SW** are expressly formulated because:

- it is easily diluted with water so the customer can create the best concentration
- the possibility of a personalized dilution has an important economic effects
- the product is water-base and so no problems of smokes and flames as it happened with oily products
- the product doesn't have suspended particles: for such reason no problems of clogging nozzles
- the product is fully biodegradable and so no problems if there is ground pollution

CARACTERISTICS	METHOD	UNITS	DEM SW
Color	Visual	--	Straw-coloured
Density at 20°C	ASTM D 4052	kg/l	1,113
Viscosity at 20 °C	ASTM D 445	cSt	2,64
pH	--	--	5,75
Flash point P.M.	ASTM D 93	°C	nonflammable

Above characteristics are mean values given as an information.

