PRESSPATE SEM 95 800 T

High-performance lubricant for cold forming of sheets and tubes

Benefits for your application

- **Improves process stability, for example through reducing reject rates and reworking, due to its superior lubrication performance in cold forming processes.**
- **PRESSPATE SEM 95/800 T permits deep-drawing of thick and thin steel sheets to high degrees of deformation, tube drawing using a mandrel and bending of steel tubes for automotive exhaust systems, for example**
- **Compared to conventional liquid metal forming oils, tool service life can be increased, leading to reductions in tooling and setting up costs**
- **Components can easily be cleaned using conventional cleaning agents and processes**

Description

PRESSPATE SEM 95/800 T offers superior lubricating performance in the cold forming of thick or thin metal sheets and tubes. One of the advantages of this product is easier process start-up even under adverse ambient conditions and, thus, reduced reject rates during start-up and throughout normal production. Due to its excellent lubricating properties, PRESSPATE SEM 95/800 T paste can be applied in small quantities, thus permitting easy cleaning of the formed components using conventional aqueous cleaning agents, which can be used over an extended period of time until they are depleted and need to be disposed of and replaced.

Application

PRESSPATE SEM 95/800 T is suitable for use in many areas of cold forming of thin and thick metal sheets or tubes, in particular for:

- Drawing and deep drawing,
- Bending and
- Hydroforming

in the processing of alloys of

- Steel, stainless steel, brass and
- Titanium.

In tube drawing, for sandwich lubrication, the mandrel can be coated additionally with a product such as UNIMOLY C 220.

Application notes

PRESSPATE SEM 95/800 T should be applied undiluted and at room temperature using conventional application methods, for example a sponge, brush, roller or spray nozzle, and be spread evenly either manually or automatically. Deep drawn components can be cleaned in an ultrasonic bath at a minimum of 60 °C for at least 30 seconds or with aqueous detergents, such as SurTec 143 for splash cleaning (for steel components preference should be given to SurTec 042) or SurTec 089 for immersion cleaning (www.SurTec.com).

Protect against direct sunlight and temperatures above 30 °C.

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	PRESSPATE SEM 95/800 T
Bucket 25 kg	+
Drum 180 kg	+

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Product data	PRESSPATE SEM 95/800 T
Article number	043050
Colour space	beige
Texture	gritty
Texture	soft
Density at 20 °C	approx. 0.95 g/cm³
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	24 months

Klüber Lubrication – your global specialist

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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