



Metaform PE36

Low viscosity, metal forming lubricant for ferrous & non-ferrous metals

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UNIVERSITY OF STRATHCLYDE



Description

Metaform PE36 is a high-performance lubricant, specially designed for use in cold metal forming operations. This unique product combines film strength improvers and reactive anti-wear chemistry to enhance tool life and improve surface finish.

Metaform PE36 contains phosphorous based extreme pressure additives which provide reactive anti-wear chemistry for enhanced lubrication. It can be used in many applications such as blanking, drawing and stamping, piercing and cold forming operations such as roll tapping etc.

All Metaform PE36 is free of both chlorinated and sulphurised extreme pressure additives and is non-staining to both ferrous and non-ferrous metals. The product contains a specially formulated package that enables easy wash off facilities post production cleaning.

Features and benefits

- Provides enhanced lubrication in all cold forming operations
- Extends tool life and improves surface finish
- Free from chlorine & sulphur
- Non-staining to a wide range of ferrous and non-ferrous metals
- Easily removed in post-production cleaning operations

Recommended instructions for use

Metaform PE36 should be used as supplied.

Global specialists in high-performance lubricants



Metaform PE36

Pack sizes

Metaform PE36 is available in 205L and 20L poly containers.

Technical data (typical values)

Property	Test method	Metaform PE36
Appearance	MSTM 1	Clear, yellow fluid
Odour	MSTM 10	Characteristic
Base Oil	-	Vegetable/Mineral Oil
Kinematic viscosity (at 40°C)	MSTM 27	36.0 cSt
Density at 20°C	MSTM 23	0.92 gcm ⁻³
Solubility in water	-	Miscible
4-Ball Weld Load	IP 239	400 Kg
Wear scar diameter	IP 239	0.97 mm

Storage

Store Metaform PE36 out of direct sunlight and protect from frost. Storage temperature should be controlled to between 5°C and 35°C.

The product information in this publication is based on knowledge and experience at the time of printing. There are many factors outside our control or knowledge which affect the use and performance of our products, for which reason it is given without responsibility.

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