

# DUOTEMPI PMY 45

Light-coloured high-pressure lubricating paste



## Description

DUOTEMPI PMY45 is a light-coloured high-pressure lubricating paste protecting against fretting corrosion.

Its chemical composition consists of a base oil mixture (mineral and synthetic hydrocarbon oils), special lithium soap and solid lubricants.

The materials used in the manufacture of this product contain no lead, cadmium, nickel or halogens.

## Applications

*As a lubricating paste:*

For bearings, guides, joints, bushings, eccentric units, seals, bolts, hinges everywhere in machine and plant engineering. Also suitable for metal/plastic and metal/rubber material pairings.

*As an assembly paste:*

For interference, transition, and loose fits.

*As a screw paste:*

For the assembly of CrNi screw connections. Also suitable as a thread-cutting compound.

*As a special paste:*

For clamping chucks in machine tools.

*As a lubrication and assembly paste in the automotive sector:*

For gear shifting gates, mirror adjustment mechanisms, ball joints, seat rails, hinges, steering knuckle pins, profile gears.

## Application notes

Clean and degrease the surfaces. Apply a thin even layer using brush, leather cloth or plastic sponge.

## Minimum shelf life

The minimum shelf life is approx. 24 months if the product is stored in its unopened original container in a dry place.

## DUOTEMPI PMY 45

- Protects against tribocorrosion (friction oxidation, fretting corrosion)
- Prevents stick slip even in very small sliding movements

## Pack sizes

60 g	tube
0.6 kg	can
6 kg	hobbock
30 kg	hobbock

Material safety data sheets can be downloaded or requested via our website [www.klueber.com](http://www.klueber.com). You may also obtain them through your contact person at Klüber.

## Product data

Colour	beige
Texture	homogeneous, short-fibred
Density, at 20°C, [g/cm <sup>3</sup> ], approx.	1.2
Service temperature range*, [°C], approx.	- 40 to 140
Cone penetration of lubricating greases, DIN ISO 2137, worked penetration at 25°C, [0.1 mm]	245 to 275
Drop point, DIN ISO 2176, [°C]	≥ 190
Four-ball welding force test, DIN 51350 T04, [N]	≥ 3,200

\* Service temperatures are approximations that can vary with lubricant composition, intended use, and application method. Depending on the kind of mechanico-dynamic load, the consistency, apparent viscosity or viscosity of lubricants will vary with temperature, pressure, and time. These changes in product characteristics may affect the function of a component.

This product information data sheet is based on our general experience and knowledge by the time it went to press and is intended to inform technically experienced readers about possible applications. It is no warranty of product properties or suitability in the individual case. Nor does it release the user from performing preliminary tests with the selected product. We recommend contacting our technical consultants for a discussion of your specific needs. If requested and possible we shall gladly provide samples for testing. Klüber products are continually improved. Klüber Lubrication, therefore, reserves the right to change any and all technical information contained in this publication at any time and without prior notice.



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