

GLEITMO 605

Dry solid film lubricant

Performance Features

- temperature range: -40 / +110 °C
- meets the requirements of the automotive industry (VDA) for screw lubrication
- is suitable for small bulk parts
- saves assembly time and is particularly suitable for automatic screw-driving systems
- is clean and non-greasing
- has a very good surface adhesion on a large number of materials
- will not affect the efficiency of screw locking systems
- is environmentally and user friendly
- provides an absolutely touch-proof, clear-glossy lubrication film
- contains a UV additive for a UV coating inspection (340-380 nm)



screws and nuts

Description

GLEITMO 605 is a suspension of high-molecular polymers in water. GLEITMO 605 has been designed to achieve defined friction coefficients on screws/bolts according to the specifications of the automotive industry (VDA).

Field of application

GLEITMO 605 is primarily used for the lubrication of connecting elements like nuts, metric screws/bolts, chipboard screws, sheet metal screws, clamping screws, cap nuts for cutting ring joints, etc.

Product Information



LUBRITECH
Special Application Lubricants

Method of application

Depending on the requirements, GLEITMO 605 can be diluted with water (at least of drinking water quality). As a rule, GLEITMO 605 is used at dilution ratios of 1 : 3 (for centrifuge coating procedures, stringent requirements) up to 1 : 7 (for dipping). In this process, water is added to GLEITMO 605 while constantly stirring. The parts to be coated must be free of grease. Drums and centrifuges commonly used in the galvanizing industry have proved to be very convenient. After the coating process it is recommended to dry the parts by hot air (up to a part temperature of approx. 80 °C). Packaging of coated parts only in absolutely dry condition. For additional notes regarding coating and bath maintenance please refer to the Technical Information on GLEITMO 605.

Note

Protect against freezing! In closed original containers at room temperature storable up to 24 months.

Technical Data: GLEITMO 605

<u>Characteristics</u>	<u>Value</u>	<u>Unit</u>	<u>Test Method</u>
Colour of the dry film	colourless shiny		
Temperature range (dry film)	-40 / +110	° C	LLS 134
Yield	0.1-0.4 kg /100 kg		
pH-value	appr. 8.5-9.5		
Thinner	water		
Screw test [M12, 20°C], friction coefficient			DIN EN ISO 16047
Pairing ZnNi/steel against steel plate	appr. 0.11-0.12		
Pairing Zn flake/steel against steel plate	appr. 0.11		

LLS = LUBRITECH Laboratory Specification
Typical for current production. Variations in these characteristics may occur.

As far as we know this information reflects the current state of knowledge and our research. It cannot, however, be taken as an assurance about the properties nor as a guarantee of the suitability of the product for the individual case in point. Before using our products the purchaser must, therefore, check their suitability and be satisfied that the output will be satisfactory. Please be aware that our products must not be used for applications in nuclear primary circuits or on-board aerospace systems. Our products undergo continuous improvement. We therefore retain the right to change our product program, the products, and their manufacturing processes as well as all details of our product information sheets at any time and without prior announcement, unless otherwise provided in customer-specific agreements. With the publication of this product information sheet, all previous editions cease to be valid.

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