Product Information



TUNGREASE 400

Chemically inert special grease for long-term lubrication at very high temperatures

Benefits

- Especially high degree of thermal stability with extremely low boil-off enables longer relubrication intervals
- Exceptional chemical resistance makes it ideal for applications subjected to aggressive media
- Good compatibility with common plastics and elastomers

Properties

- Exceptionally high resistance to media and water
- ✔ Non-flammable
- Low friction coefficient
- Very high load-bearing capacity
- Excellent thermal and oxidative stability

Application area

- ✓ For long-term lubrication of roller and slide bearings subjected to high temperatures and other lubrication points exposed to extreme temperatures
- ✓ Suitable for long-term and lifetime lubrication in aggressive environments
- Typical applications: Painting lines, fans, calenders, kiln cars, film stretching systems, extraction systems, textile machines, chemical plants, bleaching plants, dyeing plants, electroplating plants, acid factories, paper and food industry

Instructions

In accordance with technological standards for lubricating greases.

We recommend cleaning the surfaces to be lubricated beforehand with a suitable cleaner (TUNCLEAN 895, FDB or EL) and leaving to dry.

The lubrication point must be completely free of grease and oil. We recommend wearing disposable gloves when cleaning the lubrication point and applying TUNGREASE 400 to avoid skin contact at the lubrication point (fingerprint).

Product Description	Contents	Weight of content	Gross weight	Article Number	Packaging Unit
TUNGREASE 400	0 ml	1 kg	1.25 kg	11ACF13400G0010	10 PCS

The information provided here is based on our general technical experience and knowledge related to printing. All specifications are guidelines based on product design, the specified use and mechanical and systems engineering. But the information does not represent any pledge about features or any assurance about the product's suitability for use in a particular case. The user is not released from the responsibility of testing the product.

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Depending on the mechanical, dynamic, chemical and thermal stresses to which they are subjected, lubricants alter their technical values on a pressure- and time-dependent basis. The changes can have an impact on the function in the application.

Product Information



Technical Product Data	TUNGREASE 400	
Density/conditions	2.1 g/cm ³ / at 20°C	
Colour spectrum	White	
	Bright	
	Rosy	
Oil basis	PFPE Perfluorpolyether PFPE-Perfluorpolyether	
Thickener	Inorganic	
Base oil viscosity, kinematic/conditions	500 mm²/s / at 40°C	
NLGI grade/conditions	2 / with DIN 51818	
Behaviour in the presence of water/condi-	1-90 / in accordance with DIN 51807-1	
tions		
Metal cage wear MK50 (FE8 test)/conditions	≤ 25 mg / C-75/50-40, nach DIN 51819-3, FE8-Test	
Rolling element wear MW50 (FE8 test)/	≤ 25 mg / C-75/50-40, nach DIN 51819-3, FE8-Test	
conditions		
VKA welding load/conditions	6000 N / in accordance with DIN 51350-4, VKA test (Institute for Internal Combustion Engines)	
Min./max. temperature conditions	-30 to 300 °C	

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