Product Information

TUNGREASE 300

Chemically inert H1 special grease for long-term lubrication at 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
- ✔ NSF H1 registered
- ✔ ISO 21469, Kosher and Halal certified

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
- ✔ Suitable for lubricating oxygen fittings

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 300 to avoid skin contact at the lubrication point (fingerprint).
If the product is to be used in the food processing industry:
Only the minimum quantity technically necessary may be used. If the product is used as a corrosion-protection film for surfaces in contact with food, it must be completely removed before the device in question is used again. If the product is used as a corrosion-protection film for surfaces in contact with food, it must be completely removed before the device in question is used again.

Product Description	Contents	Weight of content	Gross weight	Article Number	Packaging Unit
TUNGREASE 300	0 ml	10 kg	11 kg	11ACF13014G0100	1 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.
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.
TUNAP products are continuously refined. We reserve the right to change all technical data in this document at any time and without any prior notification. Obligations of any kind are in no way implied.

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Technical Product Data	TUNGREASE 300
Density/conditions	1.9 g/cm³ / at 20°C
Colour spectrum	White
Oil basis	PFPE || Perfluorpolyether || PFPE-Perfluorpolyether
Thickener	Organic
Base oil viscosity, kinematic/conditions	500 mm²/s / at 40°C
Behaviour in the presence of water/conditions	≤ 1-90 / nach DIN 51807-1
Corrosion rating EMCOR, dist. Water/conditions	≤ 1 / nach DIN 51802, SKF Emcor-Test
Rating copper corrosion/conditions	1-100 / after 24h at 100°C, nach DIN 51811
Temperature of flow pressure blow smaller1400 mbar/conditions	-40 °C / in accordance with DIN 51805-2
Metal cage wear MK50 (FE8 test)/conditions	≤ 20 mg / C-75/50-40, nach DIN 51819-3, FE8-Test
Rolling element wear MW50 (FE8 test)/conditions	≤ 10 mg / C-75/50-40, nach DIN 51819-3, FE8-Test
VKA welding load/conditions	3800 N / nach DIN 51350-4, VKA-Test
Min./max. temperature conditions	-40 to 250 °C

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