

TUNGREASE 300-1

Chemically inert 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

- ✓ High water resistance
- ✓ Non-flammable
- ✓ Resistant to solvents, acids and alkalis
- ✓ Excellent lubrication performance
- ✓ Low friction coefficient
- ✓ High load-carrying capacity
- ✓ High thermal and oxidative stability
- ✓ Clean and dirt-free to use

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 300-1 to avoid skin contact at the lubrication point (fingerprint).

Product Description	Contents	Weight of content	Gross weight	Article Number	Packaging Unit
TUNGREASE 300-1	0 ml	10 kg	11 kg	11ACF13114G0100	1 PCS



Technical Product Data	TUNGREASE 300-1
Density/conditions	1.9 g/cm ³ / at 20°C
Colour spectrum	White
Oil basis	PFPE Perfluorpolyether PFPE-Perfluorpolyether
Thickener	Organic
Base oil viscosity, kinematic/conditions	500 mm ² /s / at 40°C
NLGI grade/conditions	1 / with DIN 51818
Oxidation stability/conditions	<lt/> 0,1 bar (100h; 100°C) DIN 51808
Behaviour in the presence of water/conditions	≤ 1-90 / nach DIN 51807-1
Min./max. temperature conditions	-40 to 250 °C

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.

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