

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	1 kg	1.1 kg	11ACF13014G0010	10 PCS



Nonfood Compounds
Program Listed H1
136 528

Technical Product Data	TUNGREASE 300
Density/conditions	1.9 g/cm ³ / at 20°C, DIN 51757
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	2 / with DIN 51818
Min./max. worked penetration /conditions	265-295 x 0,1 mm / nach DIN ISO 2137
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	5000 N / in accordance with DIN 51350-4, VKA test (Institute for Internal Combustion Engines)
Min./max. temperature conditions	-40 to 250 °C