Product Information

TUNPAS H1

White NSF H1-registered high-performance paste

Benefits

- ✔ Consistent pre-tensioning forces ensure reliable assembly
- ✔ Particularly suitable for easy disassembly of treated parts, even after long operation and under extreme conditions

Properties

- ✔ Adhesive and resistant to water
- ✔ Excellent corrosion protection
- ✔ Reliable wear protection
- ✔ Contains special ceramic particles
- ✔ NSF H1 registered
- ✔ ISO 21469, Kosher and Halal certified

Application area

- ✔ For lubricating and separating components that are subjected to high loads both statically and dynamically in the food and beverage industry. This includes e.g. screw connectors as well as slide guides, plain bearings and spindle drives. Facilitates assembly and dismantling work and prevents frictional corrosion. The paste is also highly adhesive and durable when exposed to water.

Instructions

Before filling or refilling the friction point, thoroughly clean the component and, if necessary, the lubrication point with TUNCLEAN 895 or appropriately registered products, e.g. TUNCLEAN FDB. Then apply a thin film of TUNPAS H1 to the area to be lubricated with a brush or leather cloth.
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 foodstuffs, 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
TUNPAS H1	0 ml	0.1 kg	0.116 kg	1101868	24 PCS

NSF
Nonfood Compounds
Program Listed H1
154 617

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	TUNPAS H1
Density/conditions	1.12 g/cm³ / at 20°C
Colour spectrum	White
Oil basis	Synthetic
Thickener	Calcium sulfonate complex soap
Solid lubricant	White solid lubricants
Base oil viscosity, kinematic/conditions	220 mm²/s / at 40°C
NLGI grade/conditions	2 / with DIN 51818
Behaviour in the presence of water/conditions	≤ 1 bei 90°C / nach DIN 51807-1
Corrosion rating EMCOR, dist. Water/conditions	≤ 1 / nach DIN 51802, SKF Emcor-Test
Temperature of flow pressure blow smaller1400 mbar/conditions	-40 °C / in accordance with DIN 51805-2
Lubricant load capacity/conditions	≥ 165 N/mm² / nach DIN 51347-2, Brugger
Coefficient of friction (Press-Fit)/conditions	Kein Stick-Slip
Coefficient of friction (screw test)/conditions	0.14 µ / in accordance with ISO 16047
VKA welding load/conditions	7000 N / in accordance with DIN 51350-4, VKA test (Institute for Internal Combustion Engines)
Four-ball test, wear mark at 1min/1000N/conditions	≤ 0,5 mm / nach DIN 51350-3-3, VKA-Test
Min./max. temperature conditions	-40 bis 200 °C (in Abhängigkeit vom Nachschmierintervall Trockenschmierung bis ca. 800°C)

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