# Product Information

# TUNGREASE H1/EP-2

**Fully synthetic H1 multi-purpose grease for the food processing industry**

## Benefits

- ✔ Versatile high-performance grease to help reduce the number of products required in the food, beverage and pharmaceutical industries
- ✔ Good corrosion protection reduces the risk of premature bearing failures

## Properties

- ✔ Good adhesion
- ✔ Excellent corrosion protection
- ✔ Reduces friction and wear
- ✔ High load-bearing capacity
- ✔ Excellent resistance to water
- ✔ Excellent resistance to oxidation and ageing
- ✔ NSF H1 registered
- ✔ ISO 21469, Kosher and Halal certified

## Application area

- ✔ Specifically designed for use in areas where there is a risk of direct, technically unavoidable contact with food.
- ✔ For lubricating slide and roller bearings, lifting cylinders, joints, guide rods, cams etc.
- ✔ For use even in difficult conditions (low and high temperatures, high loads, shock and impact loads as well as exposure to water).

## Instructions

In accordance with technological standards for lubricating greases.
We recommend cleaning the surfaces to be lubricated beforehand with a suitable cleaner and leaving them to dry.
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 |
|---|---|---|---|---|---|
| TUNGREASE H1/EP-2 | 0 | 0.4 kg | 0.453 kg | 1107892 | 12 PCS |

NSF
Nonfood Compounds
H1
135 596

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.

# Product Information

| Technical Product Data | TUNGREASE H1/EP-2 |
|---|---|
| **Density/conditions** | 0.875 g/cm³ / at 20°C |
| **Oil basis** | Synthetic |
| **Thickener** | Aluminium complex soap |
| **Base oil viscosity, kinematic/conditions** | 350 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 |
| **Rating copper corrosion/conditions** | 1-100 / nach 24h bei 100°C, nach DIN 51811 |
| **Temperature of flow pressure blow smaller1400 mbar/conditions** | -35 °C / in accordance with DIN 51805-2 |
| **Metal cage wear MK50 (FE8 test)/conditions** | ≤ 60 mg bei C-75/50-40 nach DIN 51819-3, FE8-Test |
| **Rolling element wear MW50 (FE8 test)/conditions** | ≤ 20 mg bei C-75/50-40 nach DIN 51819-3, FE8-Test |
| **VKA welding load/conditions** | 2600 N / in accordance with DIN 51350-4, VKA test (Institute for Internal Combustion Engines) |
| **Four-ball test, wear mark at 1h/300N/conditions** | ≤ 0,5 mm nach DIN 51350-3 |
| **Min. dripping point/conditions** | ≥ 240 °C / nach IP 396 |
| **Min./max. temperature conditions** | -35 to 140 °C |

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