Product Information

TUNGREASE CP-2/50

Dynamically light and fully synthetic H1 high-performance grease with high levels of wear resistance and corrosion protection

Benefits

- ✔ Outstanding pressure rating for optimal wear protection and longer component and machine service life
- ✔ Extremely high level of water resistance and outstanding corrosion protection ensure reliable lubrication even under adverse conditions and in outdoor applications
- ✔ Versatile high-performance lubricating grease to help reduce the number of products required

Properties

- ✔ An especially pressure-resistant and highly adhesive high-performance grease suitable for a wide range of applications
- ✔ Specially developed combination of synthetic base oils, CaSuX thickener and additives to protect against wear, oxidation and corrosion
- ✔ NSF H1 registered
- ✔ ISO 21469, Kosher and Halal certified

Application area

- ✔ Special lubricating grease for use in the following applications: Loaded roller and slide bearings, joints and other sliding pairs in machines and plants, e.g. in filling stations, autoclaves, diverter wheels, fans, kilns
- ✔ Linear guides and drives
- ✔ For all applications for which water resistance, an extended temperature range and/or high loads are decisive, or which are subject to special regulations that require the use of non-critical lubricants.
- ✔ In accordance with strict standards on the use of lubricants in the food, drink and pharmaceutical industries

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. 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 the food processing industry, 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 CP-2/50	0 ml	175 kg	195 kg	1103746	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.

Product Information

Nonfood Compounds
Program Listed H1
158 347

Technical Product Data	TUNGREASE CP-2/50
Density/conditions	0.958 g/cm³ / at 20°C
Colour spectrum	Beige Brownish
Oil basis	Synthetic
Thickener	Calcium sulfonate complex soap
Base oil viscosity, kinematic/conditions	46 mm²/s / at 40°C
NLGI grade/conditions	2 / with DIN 51818
Behaviour in the presence of water/conditions	≤ 1 / nach DIN 51807-1 bei 90°C
Corrosion rating EMCOR, dist. Water/conditions	≤ 1 / nach DIN 51802, SKF Emcor-Test
Rating copper corrosion/conditions	≤ 1 / nach 24h bei 100°C, nach DIN 51811
Temperature of flow pressure blow smaller1400 mbar/conditions	-40 °C / in accordance with DIN 51805-2
VKA welding load/conditions	4200 N / in accordance with DIN 51350-4, VKA test (Institute for Internal Combustion Engines)
Four-ball test, wear mark at 1h/150N/conditions	0.5 mm / in accordance with DIN 51350-3, VKA test
Four-ball test, wear mark at 1h/300N/conditions	≤ 0,5 mm / nach DIN 51350-3, VKA-Test
Four-ball test, wear mark at 1min/1000N/conditions	≤ 0,5 mm / nach DIN 51350-2, VKA-Test
FE9 test (F50)/conditions	≥ 100 h / B/1500/6000-150, nach DIN 51821-2, FE9-Test
Min. dripping point/conditions	≥ 270 °C / nach DIN ISO 2176
Min./max. temperature conditions	-40 to 140 °C

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