Product Information

TUNGREASE CK-2

High-performance grease with a mineral oil base and very good wear and corrosion protection

Benefits

- ✔ High pressure rating for optimum wear protection and thus longer component service life
- ✔ Exceptional water resistance and high corrosion protection allow reliable lubrication even when exposed to water or used in outdoor applications
- ✔ Versatile high-performance lubricating grease to help reduce the number of products required

Properties

- ✔ Highly adhesive and pressure-resistant high-performance grease suitable for a wide range of applications
- ✔ Specially developed combination of mineral oils, CaSuX thickener and additives to protect against wear, oxidation and corrosion

Application area

- ✔ Heavily loaded roller and slide bearings at medium speeds and in adverse environmental conditions, as well as long-term lubrication in all areas of machine and plant construction
- ✔ Outdoor applications, wet conditions, dust, vibration, shock loads and high-pressure loads
- ✔ In general wet areas, in the textile finishing industry, in filling stations, in the paper industry and in leather processing
- ✔ In hydraulic engineering and shipbuilding, in port and shipyard facilities, dams and lifting stations
- ✔ For maintenance-free long-term lubrication of motor vehicles, construction machinery, agricultural vehicles, cranes, forklift trucks and lifting equipment
- ✔ At high temperatures, e.g. on autoclaves, fan bearings, kiln bearings, diverter wheels, guides and joints

Instructions

In accordance with technological standards for lubricating greases.
We recommend cleaning the surfaces to be lubricated beforehand with a suitable cleaner (TUNCLEAN 895, 915 or FDB) and leaving them to dry.

Product Description	Contents	Weight of content	Gross weight	Article Number	Packaging Unit
TUNGREASE CK-2	0 ml	25 kg	26.6 kg	11ACF13040E0250	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.

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Technical Product Data	TUNGREASE CK-2
Density/conditions	1 g/cm³ / at 20°C
Colour spectrum	Brownish
Oil basis	Mineral oil
Thickener	Calcium sulfonate complex soap
Base oil viscosity, kinematic/conditions	180 mm²/s / at 40°C
NLGI grade/conditions	2 / with DIN 51818
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
Metal cage wear MK50 (FE8 test)/conditions	≤ 50 mg / C-75/50-40, nach DIN 51819-3, FE8-Test
Rolling element wear MW50 (FE8 test)/conditions	≤ 20 mg / C-75/50-40, nach DIN 51819-3, FE8-Test
VKA welding load/conditions	4800 N / in accordance with DIN 51350-4, VKA test (Institute for Internal Combustion Engines)
Four-ball test, wear mark at 1h/150N/conditions	0.3 mm / in accordance with DIN 51350-3, VKA test
Four-ball test, wear mark at 1h/300N/conditions	0.4 mm / in accordance with DIN 51350-3, VKA test
Four-ball test, wear mark at 1min/1000N/ conditions	0.45 mm / in accordance with DIN 51350-2, VKA test
FE9 test (F50)/conditions	≥ 100 h / B/1500/6000-140, nach DIN 51821-2, FE9-Test
Min. dripping point/conditions	290 °C / nach IP 396
Min./max. temperature conditions	-20 to 140 °C

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