

TUNGREASE LP-1 LT

Fully synthetic special grease for excellent ease of movement, even at low temperatures

Benefits

- ✓ Low base oil viscosity ensures low shear resistance and therefore excellent ease of movement
- ✓ Selected additives ensure reliable surface protection and very good corrosion protection
- ✓ Extremely good oxidation resistance allows improvements in long-term and lifetime lubrication

Properties

- ✓ TUNGREASE LP-1 LT has been developed to meet extremely demanding requirements in terms of low-temperature behaviour
- ✓ Very good oxidation stability due to fully synthetic base oils
- ✓ Excellent compatibility with common plastics enables numerous different types of application in electronic components and drives
- ✓ NSF H2 registered
- ✓ ISO 21469, Kosher and Halal certified

Application area

- ✓ For lubricating roller bearings and slides, especially at particularly low temperatures.
- ✓ For lifetime lubrication of electrical/electronic precision engineering components, especially those coated with brass, copper, tin, nickel, silver and gold, e.g. power switches, PCBs/circuit boards and potentiometers in electrical/electronic components used in the automotive industry.
- ✓ TUNGREASE LP-1 LT is also suitable for lubricating moving contact mechanisms made from plastic.

Instructions

In accordance with technological standards for lubricating greases.

We recommend cleaning the surfaces to be lubricated beforehand with a suitable TUNAP cleaner and leaving to dry.

H2 products must not be used in areas where foodstuffs are manufactured. H2 products can be used as lubricants, release agents or anti-corrosion agents for machine parts and equipment provided that they do not come into contact with foodstuffs.

Product Description	Contents	Weight of content	Gross weight	Article Number	Packaging Unit
TUNGREASE LP-1 LT	0	160 kg	175 kg	1107486	1 PCS

Technical Product Data	TUNGREASE LP-1 LT
Density/conditions	0.816 g/cm ³ / at 20°C
Colour spectrum	Beige Bright
Oil basis	Synthetic
Thickener	Lithium special soap
Base oil viscosity, kinematic/conditions	30 mm ² /s / at 40°C
NLGI grade/conditions	1 / with DIN 51818
Min./max. worked penetration /conditions	310 x 0.1 mm-340 x 0.1 mm / in accordance with DIN ISO 2137
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
Four-ball test, wear mark at 1h/150N/conditions	≤ 0,4 mm / nach DIN 51350-3, VKA-Test
Four-ball test, wear mark at 1h/300N/conditions	≤ 0,5 mm / nach DIN 51350-3, VKA-Test
Flow pressure/conditions	≤ 1400 mbar bei -50°C / nach DIN 51805-2
Low-temperature torque at work/conditions	≤ 0,1 Nm bei -40°C / nach IP 186
Low-temperature torque at start/conditions	≤ 1 Nm bei -40°C / nach IP 186
Min. dripping point/conditions	≥ 190 °C / nach IP 396
Min./max. temperature conditions	-50 to 130 °C