



HPG-590 High Pressure Grease

HEAVY-DUTY GREASE FOR LONG-LASTING BEARING LUBRICATION

- ✓ NLGI class 3, suitable for heavily loaded bearings
- ✓ Resistant up to temperatures up to +130°C, and briefly up to +150°C
- ✓ Usable at temperatures down to -30°C
- ✓ Completely waterproof
- ✓ Non-corrosive to non-ferrous metals
- ✓ Long service life in the bearings

Technical Info

- Chemical basis: mineral oil.
- Thickener: Lithium stearate.
- NLGI class: 3.
- Colour: yellowish.
- Worked Penetration (0.1mm): 220 - 250.
- Dropping point: 190°C.
- Temperature range: -30°C to +130°C (briefly +150°C).
- Kinematic viscosity (40°C): 290 mm²/s.
- Kinematic viscosity (100°C): 20 mm²/s.
- Relative density (20°C): 0.86 - 0.95
- Water resistance: fully resistant.
- Copper corrosion: grade 1.

Packing

HPG-590 High Pressure Grease - 100gr	231161000
HPG-590 High Pressure Grease - 500gr	231165000

Product [HPG-590]

Characteristics

A light-coloured, heavy-duty lubricating grease based on mineral oil with a lithium thickener. It offers excellent resistance to high pressures, water and elevated temperatures, providing long-term lubrication for bearings and mechanical components in industrial and automotive applications.

Applications

- Lubrication of wheel hubs, ball joints, and bearings in motor vehicles
- Lubrication of automotive water pumps
- Long-term lubrication of bearings in filling and packaging machinery
- Bearing lubrication in construction and agricultural machinery operating under heavy loads
- Protection against dust and moisture in outdoor applications
- Lubrication of guide rails and cable systems in lifts and construction cranes

Use

- Thoroughly clean all parts and remove old grease, dirt and moisture.
- Fill roller bearings to approximately half their capacity, high-speed bearings to one-third, and low-speed bearings completely.

- During installation, apply a thin layer of grease to all contact surfaces.
- Remove any excess grease and close the packaging securely after use.
- Do not mix with greases based on other thickener types without first carrying out a compatibility test.