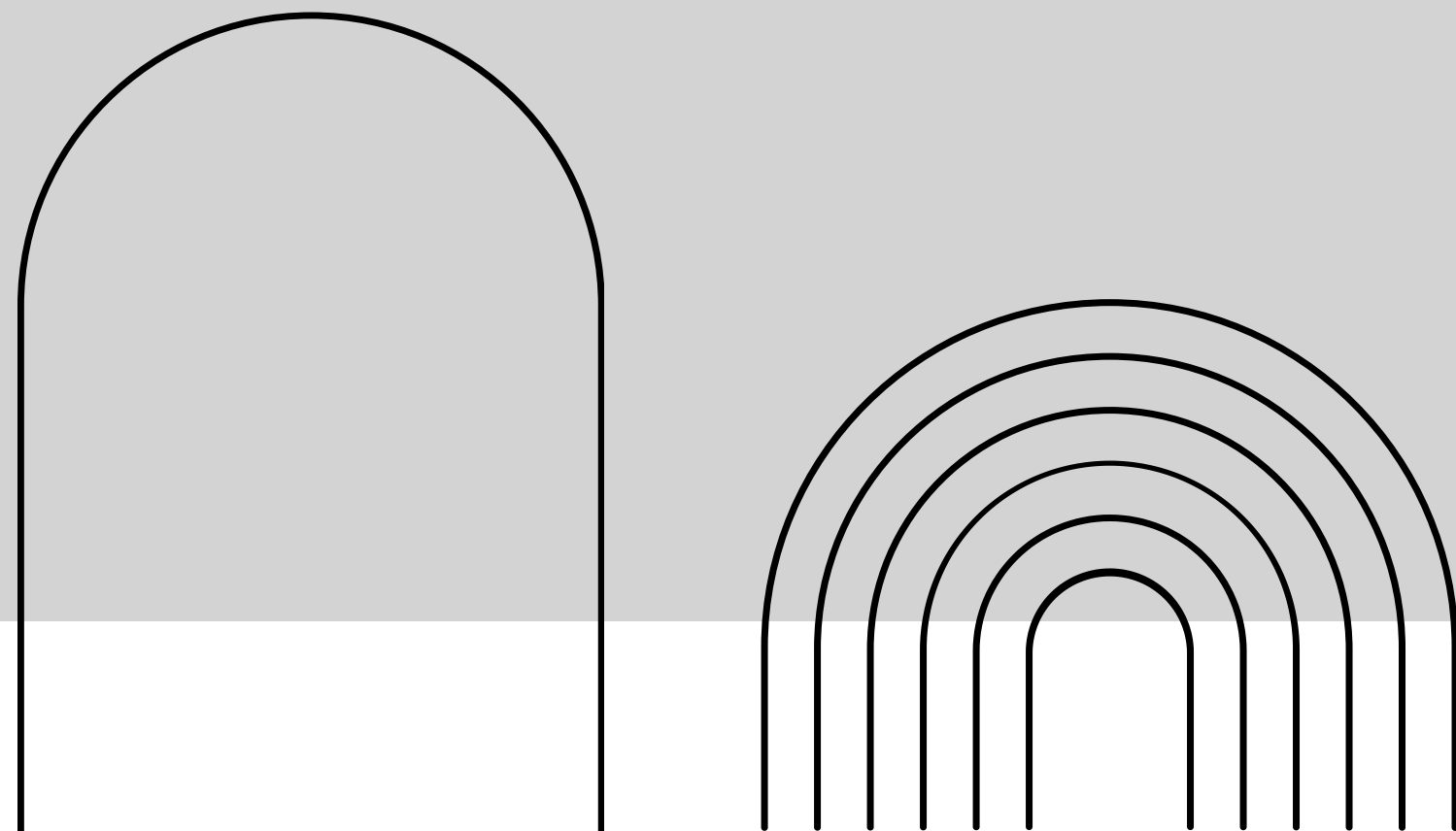


Technolube Inc.

*Now the Canadian
distributor for*

simatec

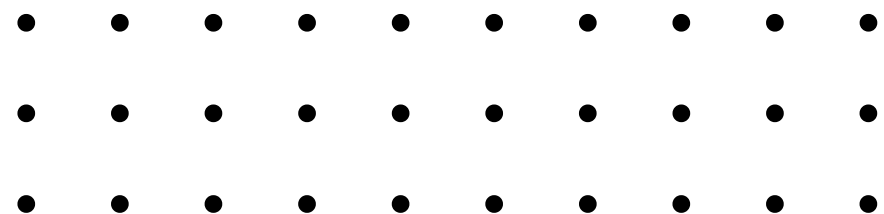


NEW PRODUCT OFFERINGS

Technolube is thrilled to announce the addition of Simalube brand lubricators and other Simatec products to our automatic lubrication options.

For more information, please visit the Simatec website at www.simatec.com for technical details.

We are committed to providing you with quick and convenient delivery from our Richmond, BC warehouse.



SMALL SIZE DELIVERS BIG PERFORMANCE.

Unlimited range of uses

- ✔ Space-saving thanks to compact size
- ✔ In confined and hard-to-reach spaces
- ✔ In any location, even underwater
- ✔ At ambient temperatures of -20 °C to +55 °C
- ✔ Numerous installation options thanks to a large range of accessories

Flexibility

- ✔ Freely selectable dispensing cycle of 1 to 12 months
- ✔ Dispensing cycle can be modified anytime
- ✔ simalube is available filled or empty for self-filling



Reliability

- ✔ Lubrication points are continuously supplied with lubricant
- ✔ No lubrication point is missed

Environmental sustainability

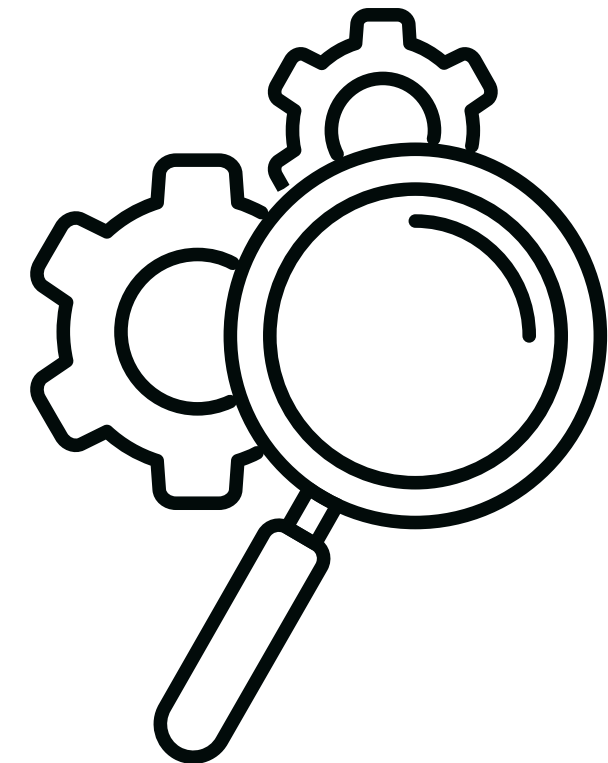
- ✔ simalube can be refilled up to 3 times
- ✔ Easy disposal at the end of the dispensing cycle
- ✔ simalube lubricators do not contain toxic substances

TECHNICAL SPECIFICATIONS

- **Product**
 - Automatic grease and oil lubricator
- **Power generation**
 - Hydrogen gas producing dry cells
- **Working pressure**
 - Max. 5 bar
- **Adjustment**
 - Stepless 1–12 months
- **Dispensing quantity**
 - 0.04–8.3 ml/day
- **Operating temperature**
 - –20 °C to +55 °C
- **Usage**
 - The lubricator can be installed in any position, even underwater.
- **Attention: do not expose to direct heat**
- **Certifications / Approvals**
 - KEMA O9ATEX0098X
 - IECEx DEK 20.0032X
- **Ingress protection**
 - IP68 (dustproof and waterproof)



- **Usage period**
 - Activation within 2 years of production date
- **Stock temperature**
 - Recommended at 20 °C ± 5 °C
- **Sizes**
 - 15ml
 - 30ml
 - 60ml
 - 125ml
 - 250ml
- **Weight full**
 - ~36g
 - ~82g
 - ~115g
 - ~190g
 - ~335g
- **Weight empty**
 - ~22.5g
 - ~55g
 - ~60g
 - ~75g
 - ~111g



HIGH CUSTOMER BENEFIT

Say Goodbye to Manual Lubrication.

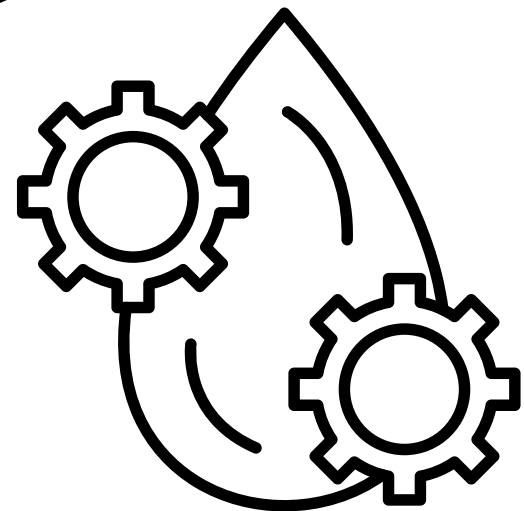
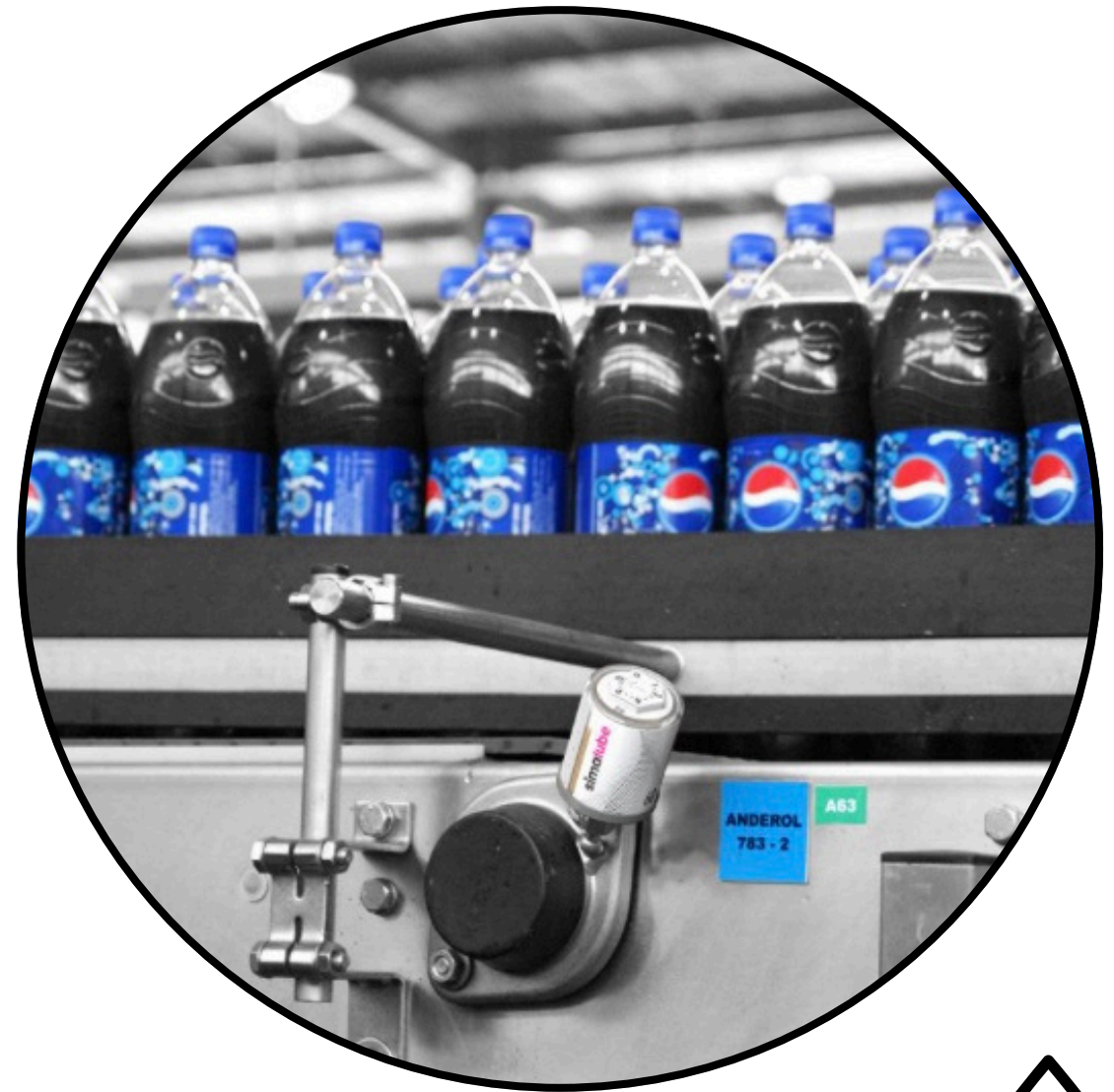
- Save time
- Improve work safety
- Permanently supply hard-to-reach lubrication points
- Decrease lubricant consumption



PRECISE LUBRICATION FOR ALL COMPONENTS

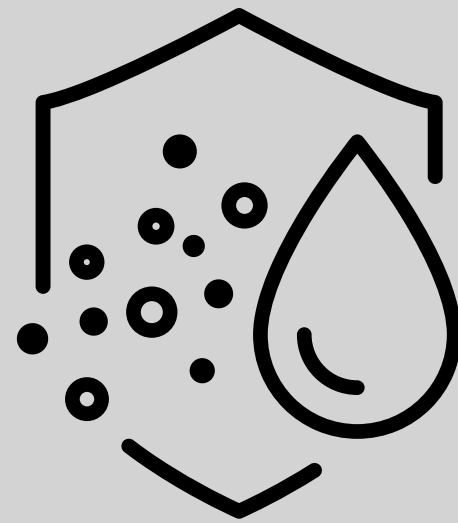
No Under or Over Lubrication of Components Means:

- Less wear
- Less machine downtime
- Increased machine performance

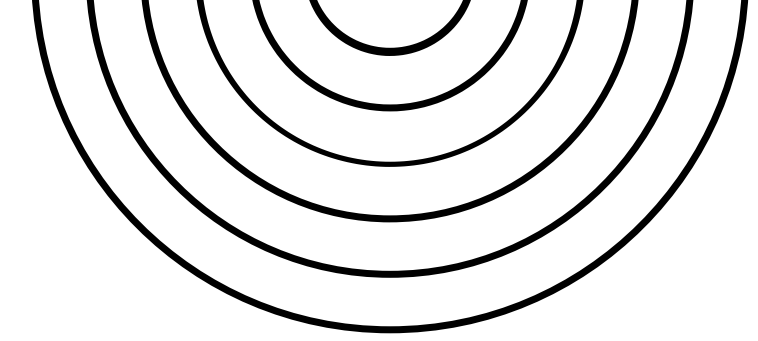


A DUSTPROOF, WATERPROOF, AND SEALED SYSTEM.

- Eliminate lubricant confusion
- Minimized risk of contamination
- Protection against contamination at lubrication points

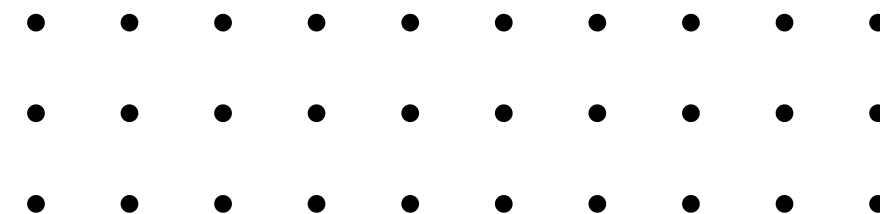


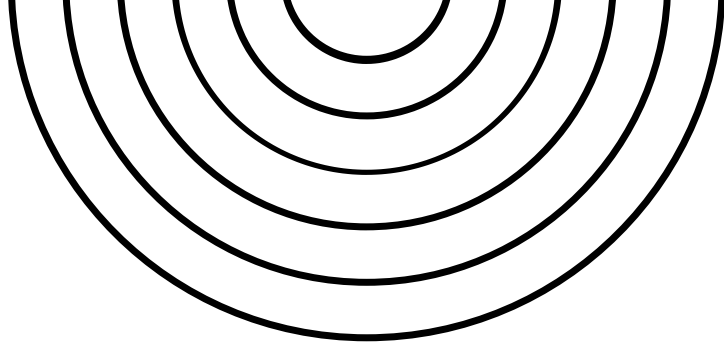
SIMALUBE IMPULSE CONNECT



Digital monitoring and configuration of the lubrication points

- The device can increase the pressure up to 10 bar
- Communication via Bluetooth®
- Universally configurable
- Reusable
- Use with the "Simatec World of Maintenance" app





SIMALUBE IMPULSE CONNECT

Technical Specifications

- **Product:**
 - Automatic pressure booster for the simalube lubricator
- **Drive system:**
 - Electromechanical
- **Power supply:**
 - Battery pack, 6 V 2.3 Ah
- **Function Display:**
 - LED status display – green/red/blue every 10 seconds
- **Connectivity:**
 - IMPULSE connect supports Bluetooth® Low Energy 5.0 standard
 - The connection can reach up to 20m in an interference free, open-field environment.
- **Dispensing volume:**
 - 0.5 ml per stroke
- **Working pressure:**
 - Up to 10 bar
- **Operating temperature:**
 - -10 °C to +55 °C
- **Time setting:**
 - 1 to 12 months
 - determined by the setting on the simalube or through the app modus «time» or «automatic».
- **Lubrication rate:**
 - Depends on the size and settings of the simalube: 0,17 bis 8,3 ml/day
- **Lubricator volume:**
 - According to lubricator: 60 ml, 125 ml or 250 ml
- **Lubricant:**
 - Greases up to NLGI 2 or oils
- **Installation position:**
 - Any
- **Connection thread:**
 - G ¼" (with integrated non-return valve), Hexagon with wrench size 17 mm
- **Housing dimensions:**
 - Ø 60 × 93 mm
- **Housing material:**
 - (PET semitransparent)
- **Weight:**
 - 0.26 kg
- **Protection rating:**
 - IP68 (dust- and waterproof)
- **Warranty & service life:**
 - 3 years from the production date or until 10 simalube lubricators (125 ml) have been emptied
- **Storage:**
 - Recommended at +20 °C (+/- 5 °C). Protect against sunlight and store in a dry place (<65% humidity)

SIMATHERM INDUCTION HEATER

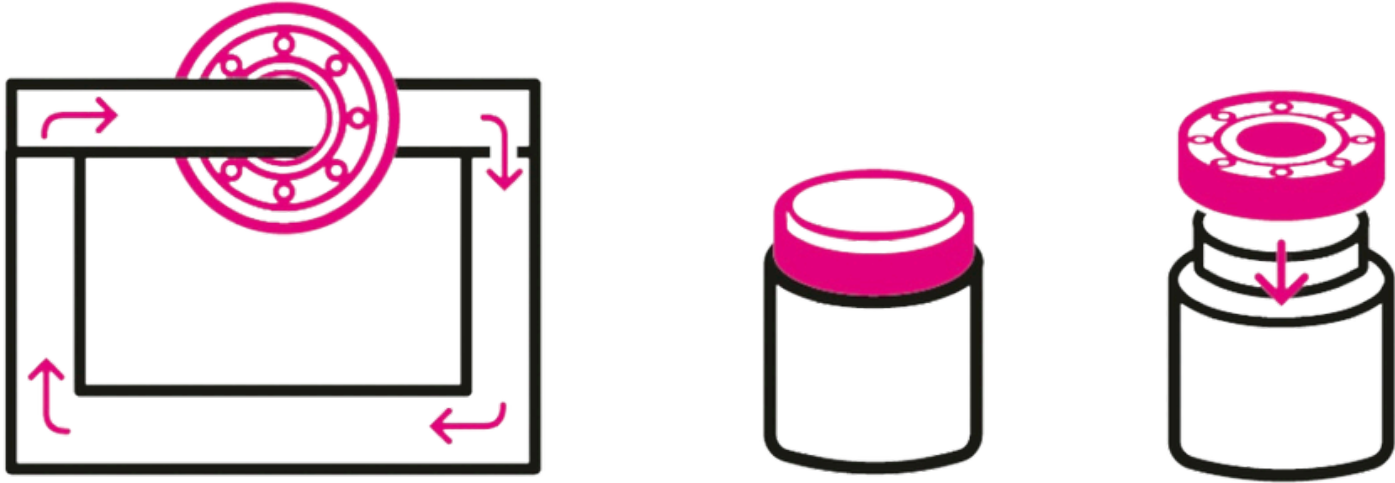
Simatherm heating devices can be used to efficiently heat rolling bearings and other ring-shaped metal parts. They enable fast and clean assembly and replace conventional heating methods such as hotplates, hot oil baths, open flames and ovens. During the heating process, only the workpiece heats up, but the device remains cold. Simatherm induction heating devices are used for workpieces weighing up to 300 kg.



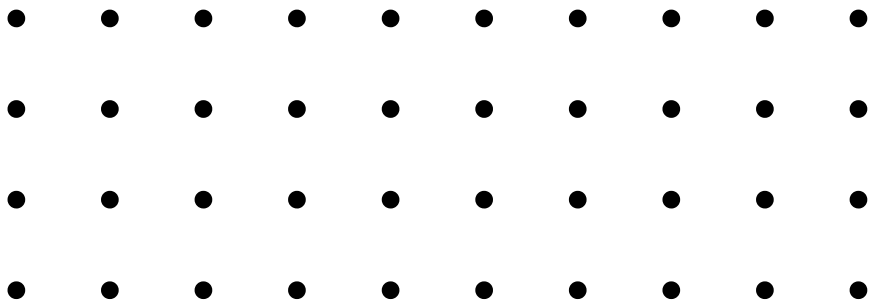
SIMATHERM INDUCTION HEATER

Perfect Solutions for Rapid and Gentle Mounting of Rolling Bearings

- Precise, even, quick heating
- Automatic demagnetization
- No risk of damage (from excessive mechanical stress, open flames, dirty oil baths, excessively hot ovens and plates)
- User friendly
- Increased operational safety
- Selectable power reduction for heating up smaller parts

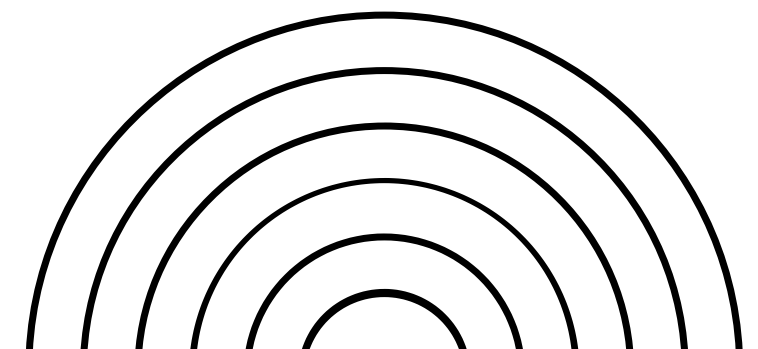
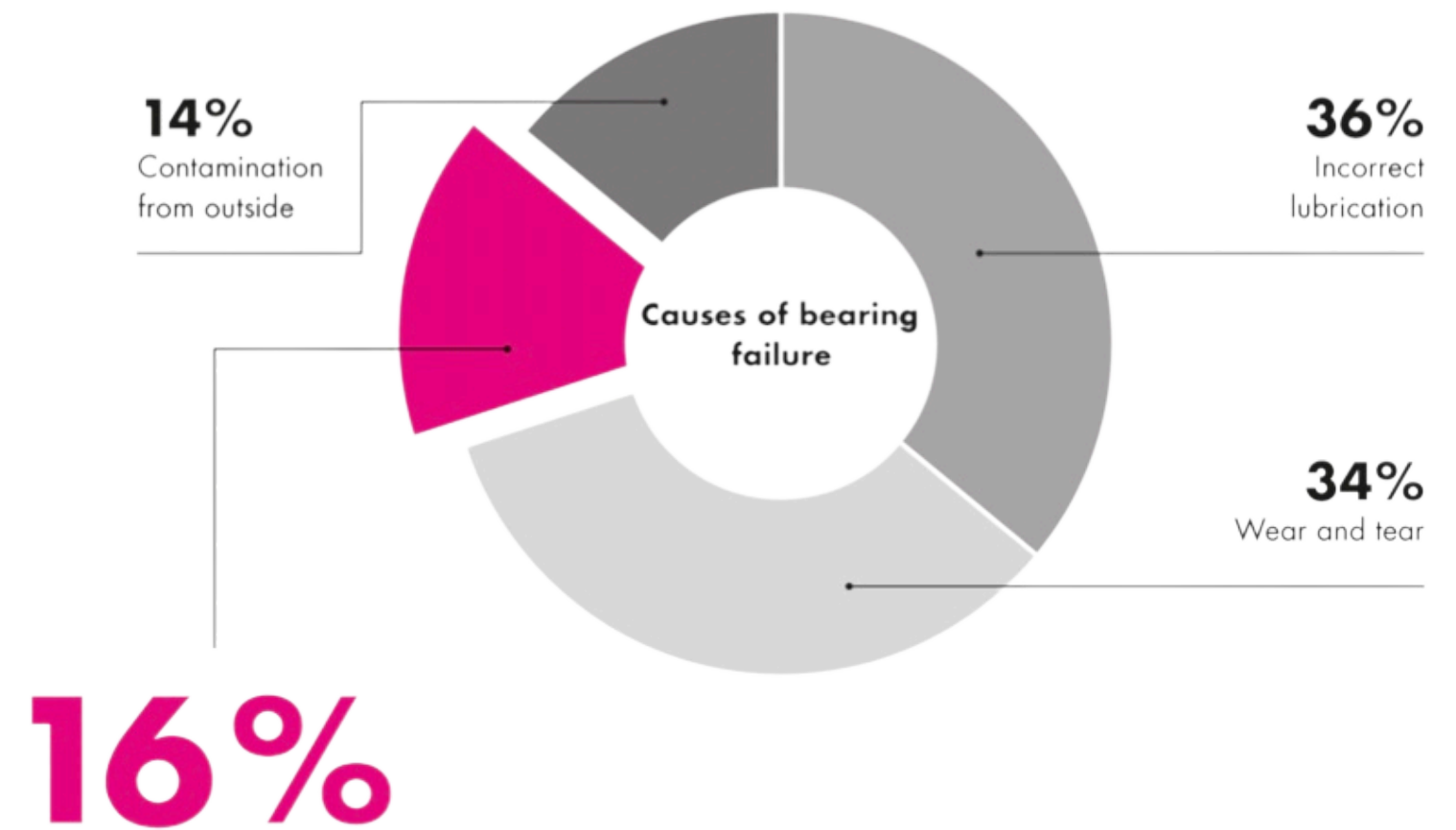


simatherm Induction Heater

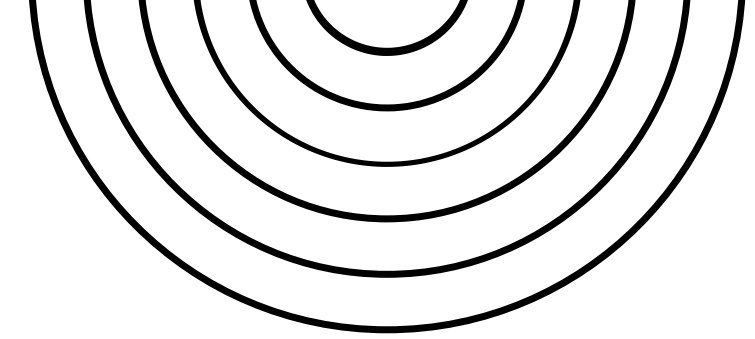


PREVENT PREMATURE BEARING FAILURE

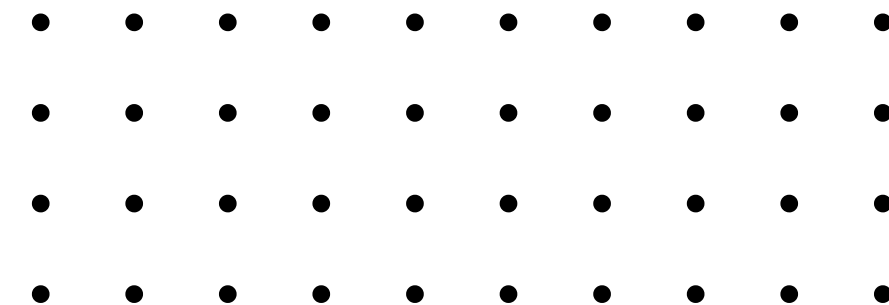
Over 16% of premature bearing failures are caused by improper installation. The lack of proper tooling and know-how often leads to new bearings being subjected to high levels of stress and subsurface damage. This makes premature bearing failure inevitable. In order to prevent this, the correct procedure should be employed using professional, specialist tools throughout the installation process. Only in this way will the new bearings reach their expected service life.



SIMATOOL TOOLSETS



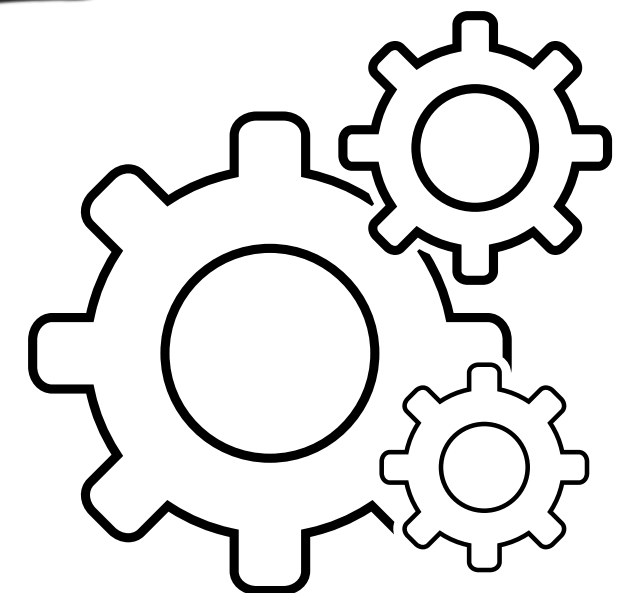
Without the right special tools, the professional mounting and dismounting of bearings and shaft seals is simply impossible. With simatool tools, rolling bearings and radial shaft seals can be fitted and removed quickly and safely. The well thought-out tools are ergonomically optimally designed and have also been tried and tested in practice. As a result, all work can be carried out significantly faster, safer and more gently without damaging neighboring machine elements.



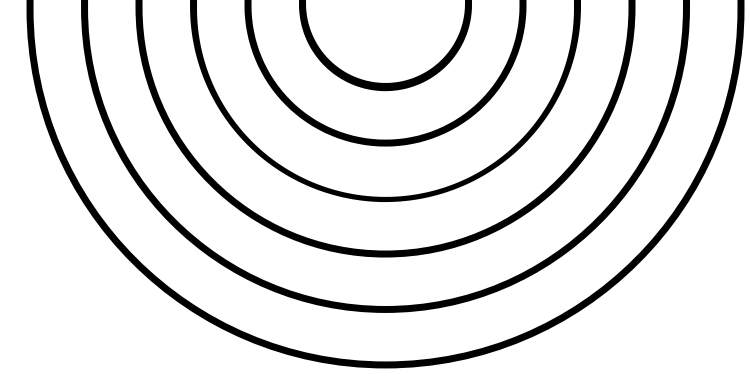
SIMATOOL TOOLSETS

Quality tools for the installation and removal of bearings and seals.

- Reduction of costs through proper installation and removal
- Longer service life of the components
- No damage to adjacent components when defective parts are removed
- High-quality, specially developed tool sets
- Increased occupational safety
- User-friendly, brief instructions for use directly in the case



OVERVIEW



We are constantly innovating with cutting edge technology in an effort to offer our customers the best possible options for their lubrication challenges.

President: Jean Butler
Vice-President: M.K. Merali

Office: 11211 Sealord Road,
Richmond BC V7A 3K5
Phone: 604-204-0144
email: technolube@telus.net

simatec

Technolube Inc.

