Arcanol Rolling Bearing Greases
For reliable, durable and cost-effective bearing arrangements
Technical Product Information
The designation system of the INA and FAG brands has been harmonised. This publication contains, for the first time, the new ordering designations, which are currently only valid for Europe. Customers outside Europe are requested to continue using the old ordering designations (please see the comparison on page 22).
Special rolling bearing greases such as Arcanol offer the best conditions for achieving reliable, durable and cost-effective bearing arrangements. For Arcanol gives you certainty, since Schaeffler KG carries out selection tests, provides quality assurance and gives practice-based lubrication recommendations. Bearings that fail prematurely because they were lubricated with the wrong grease, with all the unpleasant and expensive consequences, are increasingly a thing of the past.

In co-operation with renowned lubricant manufacturers, we have for many years developed lubricants that are particularly suitable for rolling bearings. However, before a new grease can be included in the Arcanol range, it is subjected to a series of tests in the Schaeffler lubricant laboratory.

The greases are tested thoroughly. On our lubricant test rigs FE8 (DIN 51819) and FE9 (DIN 51821), the greases are tested in rolling bearings to determine their service life, friction and wear characteristics. Only the best greases are then selected to undergo the subsequent tests under simulated field conditions in far more complex rolling bearing test rigs. If the results fulfill the requirements of the stringent Schaeffler specifications, the grease is “decorated”. It receives the Arcanol seal of quality. In addition, we test every single batch to ensure the uniform quality of the product. It is only after this final test that approval can be given to designate the grease as Arcanol.

The range is graduated such that almost all areas of application can be optimally covered using these greases.

The overview on pages 2/3 shows chemical-physical data, fields of application and the conditions for which these greases are suitable. The selection of a suitable grease is considerably facilitated by the electronic INA/FAG rolling bearing catalogue.

- More than 80% of all rolling bearings are lubricated with grease
- Inadequate lubrication causes more than 40% of all cases of rolling bearing damage
- Users therefore require lubricants and lubrication recommendations they can rely on
- Arcanol rolling bearing greases ensure that a bearing can be used to its full capacity
  - long service life
  - good running behaviour
  - high operational security.
## Selection table

<table>
<thead>
<tr>
<th>Arcanol Previous designation</th>
<th>MULTITOP (L135V)</th>
<th>MULT12 (L78V)</th>
<th>MULT13 (L71V)</th>
<th>LOAD150 (–)</th>
<th>LOAD220 (L215V)</th>
<th>LOAD400 (L186V)</th>
<th>LOAD1000 (L223V)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thickener</td>
<td>Lithium soap</td>
<td>Lithium soap</td>
<td>Lithium soap</td>
<td>Lithium complex</td>
<td>Mixed thickener</td>
<td>Mixed thickener</td>
<td>Mixed thickener</td>
</tr>
<tr>
<td>Base oil</td>
<td>Partially synth. oil</td>
<td>Mineral oil</td>
<td>Mineral oil</td>
<td>Mineral oil</td>
<td>Mineral oil</td>
<td>Mineral oil</td>
<td>Mineral oil</td>
</tr>
<tr>
<td>Base oil viscosity</td>
<td>≥ ISO VG 68</td>
<td>≥ ISO VG 68</td>
<td>≥ ISO VG 68</td>
<td>≥ ISO VG 150</td>
<td>ISO VG 220</td>
<td>≥ 400</td>
<td>ISO VG 1000</td>
</tr>
<tr>
<td>Consistency (NLGI class)</td>
<td>2</td>
<td>2</td>
<td>3</td>
<td>2</td>
<td>1 – 2</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Operating temperature [°C]</td>
<td>–40...+140</td>
<td>–30...+120</td>
<td>–30...+120</td>
<td>–20...+140</td>
<td>–20...+140</td>
<td>–20...+140</td>
<td>–20...+140</td>
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<tr>
<td>Continuous limit temperature [°C]</td>
<td>80</td>
<td>75</td>
<td>75</td>
<td>90</td>
<td>80</td>
<td>80</td>
<td>80</td>
</tr>
<tr>
<td>Characteristic application areas</td>
<td>Universal grease for ball and roller bearings</td>
<td>Universal grease for ball bearings ØD ≥ 62 mm</td>
<td>Universal grease for ball bearings ØD &gt; 62 mm</td>
<td>Special grease for ball, roller and needle roller bearings, linear guidance systems</td>
<td>Special grease for ball and roller bearings</td>
<td>Special grease for ball and roller bearings</td>
<td>Special grease for ball and roller bearings</td>
</tr>
<tr>
<td>in rolling mills, construction machinery, automotive engineering, spinning and grinding spindles</td>
<td>in small electric motors, agricultural and construction machinery, household appliances</td>
<td>in large electric motors, agricultural and construction machinery, fans</td>
<td>in machine tools</td>
<td>in rolling mill plant, rail vehicles</td>
<td>in mining machinery, construction machinery, wind turbines</td>
<td>in mining machinery, construction machinery, preferably under shock loads and in large bearings</td>
<td></td>
</tr>
<tr>
<td>at increased speeds, high loads, low and high temperatures</td>
<td>at high loads, wide speed range, swivel motion</td>
<td>at high loads, wide speed range, high humidity</td>
<td>at very high loads, moderate temperatures, moderate speed</td>
<td>at very high loads, moderate loads, moderate speed, low speed</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| Low temperatures | ++ | + | + | 0 | 0 | – | 0 |
| High temperatures | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Low friction, high speeds | + | 0 | 0 | – | – | – | – |
| High loads, low speeds | + | 0 | 0 | ++ | ++ | ++ | ++ |
| Vibrations | + | 0 | + | + | + | + | + |
| Support for seals | 0 | 0 | + | + | + | + | + |
| Relubrication facility | ++ | + | + | + | + | + | + |

ISO VG = ++ extremely suitable  o suitable  – less suitable |
ISO viscosity group = + highly suitable  – not suitable |
<table>
<thead>
<tr>
<th>TEMP90</th>
<th>TEMP110</th>
<th>TEMP120</th>
<th>TEMP200</th>
<th>SPEED2,6</th>
<th>VIB3</th>
<th>BIO2</th>
<th>FOOD2</th>
</tr>
</thead>
<tbody>
<tr>
<td>L12V</td>
<td>L130V</td>
<td>L195V</td>
<td>L79V</td>
<td>L75</td>
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<td></td>
<td></td>
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<tr>
<td>Mixed thickener</td>
<td>Lithium complex</td>
<td>Poly-carbamide</td>
<td>PTFE</td>
<td>Polycarbamide</td>
<td>Lithium complex</td>
<td>Mixed thickener</td>
<td>Aluminium complex</td>
</tr>
<tr>
<td>Synthetic oil</td>
<td>Synthetic oil</td>
<td>Synthetic oil</td>
<td>Fluoro polyether oil</td>
<td>Synthetic oil</td>
<td>Mineral oil</td>
<td>Synthetic oil</td>
<td>White oil</td>
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<tr>
<td>≥ ISO VG 100</td>
<td>≥ ISO VG 68</td>
<td>ISO VG 460</td>
<td>ISO VG 220 – 460</td>
<td>≥ ISO VG 22</td>
<td>≥ ISO VG 150</td>
<td>≥ ISO VG 68</td>
<td>≥ ISO VG 100</td>
</tr>
<tr>
<td>2</td>
<td>2 – 3</td>
<td>2</td>
<td>2</td>
<td>2 – 3</td>
<td>3</td>
<td>2</td>
<td>1 – 2</td>
</tr>
<tr>
<td>−30...+140</td>
<td>−40...+160</td>
<td>−30...+180</td>
<td>−30...+250</td>
<td>−30...+120</td>
<td>−30...+150</td>
<td>−30...+120</td>
<td>−30...+120</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Special grease for ball and roller bearings</th>
<th>Special grease for ball and roller bearings</th>
<th>Special grease for ball and roller bearings</th>
<th>Special grease for ball and roller bearings</th>
<th>Special grease for ball and roller bearings</th>
</tr>
</thead>
<tbody>
<tr>
<td>in couplings, electric motors, automotive engineering</td>
<td>in electrical equipment, automotive engineering</td>
<td>in continuous casting plant</td>
<td>in track rollers in baking automatic equipment piston pins in compressors, kiln trucks, chemical plant</td>
<td>in machine tools, instruments</td>
</tr>
<tr>
<td>at high temperatures, high loads</td>
<td>at high temperatures, high speeds</td>
<td>at high temperatures, high loads</td>
<td>at very high temperatures, chemically aggressive environments</td>
<td>at very high speeds, low temperatures</td>
</tr>
</tbody>
</table>

| ++ | ++ | + | ++ | ** | + | + | * |
| ++ | ++ | ++ | ++ | o | + | o | – |
| o | + | – | -- | ++ | – | 0 | 0 |
| 0 | 0 | ++ | + | -- | + | 0 | 0 |
| 0 | 0 | o | – | – | ++ | 0 | 0 |
| 0 | 0 | o | o | o | o | 0 | 0 |
| 0 | 0 | o | o | * | – | + | ++ |
MULTITOP Universal grease for ball bearings and roller bearings

Typical applications:
- Motor vehicles
- Rolling mills
- Construction machinery
- Spinning and grinding spindles

Suitable for
- Low temperatures ++
- High temperatures 0
- Low friction, high speeds +
- High loads, low speeds +
- Vibrations +
- Support for seals 0
- Relubrication facility ++

Rating
++ extremely suitable
+ highly suitable
0 suitable

Available containers:
- 250 g tube
- 400 g cartridge
- 1 kg can
- 5 kg bucket
- 10 kg bucket
- 25 kg hobboc
- 180 kg drum
Universal grease MULTI2

MULTI2
Universal grease
for ball bearings of
D ≤ 62 mm

Typical applications:
• Small electric motors
• Agricultural and construction machinery
• Household appliances

Suitable for
Low temperatures +
High temperatures 0
Low friction,
high speeds 0
High loads,
low speeds 0
Vibrations 0
Support for seals 0
Relubrication facility ++

Rating
++ extremely suitable
+ highly suitable
0 suitable

Available containers:
20 g tube
250 g tube
400 g cartridge
1 kg can
5 kg bucket
10 kg bucket
25 kg hobbock
180 kg drum
Universal grease MULTI3

MULTI3
Universal grease for ball bearings of D > 62 mm

Typical applications:
• Large electric motors
• Agricultural and construction machinery
• Fans

Suitable for
Low temperatures +
High temperatures 0
Low friction, high speeds 0
High loads, low speeds 0
Vibrations +
Support for seals +
Relubrication facility +

Rating
+ highly suitable
0 suitable

Available containers:
250 g tube
400 g cartridge
1 kg can
5 kg bucket
10 kg bucket
25 kg hobbock
180 kg drum
Special grease LOAD150

LOAD150
Special grease for ball, roller and needle roller bearings as well as linear guidance systems

Typical applications:
- Machine tools

Suitable for
- Low temperatures: 0
- High temperatures: 0
- Low friction: –
- High speeds: +
- Low speeds: ++
- Vibrations: +
- Support for seals: +
- Relubrication facility: +

Rating
- ++ extremely suitable
- + highly suitable
- 0 suitable
- – less suitable

Available containers:
- 400 g cartridge
- 1 kg can
- 10 kg bucket
Special grease LOAD220

LOAD220
Special grease for ball bearings and roller bearings

Typical applications:
• Rolling mill plant
• Rail vehicles

Suitable for
Low temperatures 0
High temperatures 0
Low friction, high speeds --
High loads, low speeds ++
Vibrations +
Support for seals +
Relubrication facility +

Rating
++ extremely suitable
+ highly suitable
o suitable
-- less suitable

Available containers:
1 kg can
10 kg bucket
25 kg hobbock
180 kg drum

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Special grease LOAD400

LOAD400
Special grease for ball bearings and roller bearings

Typical applications:
• Mining machinery
• Construction machinery

Suitable for
Low temperatures  –
High temperatures  0
Low friction, high speeds  –
High loads, low speeds ++
Vibrations +
Support for seals +
Relubrication facility +

Rating
++ extremely suitable
+ highly suitable
0 suitable
– less suitable

Available containers:
400 g cartridge
1 kg can
5 kg bucket
10 kg bucket
25 kg hobbock
50 kg hobbock
180 kg drum
Special grease LOAD1000

LOAD1000
Special grease for large ball and roller bearings

Typical applications:
- Mining machinery
- Construction machinery

Suitable for
- Low temperatures 0
- High temperatures 0
- Low friction, high speeds --
- High loads, low speeds ++
- Vibrations +
- Support for seals +
- Relubrication facility +

Rating
- ++ extremely suitable
- + highly suitable
- o suitable
- -- not suitable

Available containers:
- 5 kg bucket
- 25 kg hobbock
- 180 kg drum
Special grease TEMP90

**TEMP90**

Special grease for ball bearings and roller bearings

Typical applications:
- Couplings
- Electric motors
- Motor vehicles

Suitable for
- Low temperatures ++
- High temperatures +
- Low friction, high speeds 0
- High loads, low speeds 0
- Vibrations 0
- Support for seals 0
- Relubrication facility 0

Rating
++ extremely suitable
+ highly suitable
0 suitable

Available containers:
- 20 g tube
- 400 g cartridge
- 1 kg can
- 5 kg bucket
- 25 kg bucket
- 180 kg hobbock

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**FAG Rolling Bearing Grease Arcanol TEMP90**

Properties, applications: Bearing grease for raised temperatures

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>Unit</th>
<th>Value</th>
<th>Test method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marking:</td>
<td>KPN-30</td>
<td></td>
<td>DIN 51525</td>
</tr>
<tr>
<td>Density:</td>
<td>kg/dm³</td>
<td>ox 8,9</td>
<td></td>
</tr>
<tr>
<td>Specifications:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Thickness:</td>
<td>mixed thickener</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Type of base oil:</td>
<td>synth oil</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Temperature range:</td>
<td>30 to 140 °C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Longtime limit temperature:</td>
<td>90 °C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Base oil viscosity at 40°C:</td>
<td>1 mPa s</td>
<td>≥ ISO VG 100</td>
<td>DIN 51622-1</td>
</tr>
<tr>
<td>Working temperature:</td>
<td>90 °C</td>
<td>250-290</td>
<td>DIN ISO 2127</td>
</tr>
<tr>
<td>Drip point:</td>
<td>15 °C</td>
<td>≥ 220</td>
<td>DIN ISO 2176</td>
</tr>
<tr>
<td>Water resistance:</td>
<td>[Range]</td>
<td>≤ 1</td>
<td>DIN 51807-1</td>
</tr>
<tr>
<td>Corrosion Immigr Test:</td>
<td>[Corr. Grad]</td>
<td>≤ 1/1</td>
<td>DIN 51802</td>
</tr>
<tr>
<td>Cu content:</td>
<td>0.1% NaCl:</td>
<td>[Corr. Grad]</td>
<td>≤ 1</td>
</tr>
<tr>
<td>Copper corrosion after 24 h/20 °C:</td>
<td>[Corr. Grad]</td>
<td>≤ 1</td>
<td>DIN 51811</td>
</tr>
</tbody>
</table>

FSS tests run Wear behaviour:
- FRB: no failures, no failure

<table>
<thead>
<tr>
<th><strong>FSS tests run (grease service lifetime)</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>A/1020/520/0010-140</td>
</tr>
<tr>
<td>[hr]</td>
</tr>
<tr>
<td>None</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Speed range:</th>
<th>Unit</th>
<th>Ball bearings and cylindrical roller bearings</th>
<th>Other roller bearings*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speed limit m³/dm</td>
<td>[m³/dm²]</td>
<td>500.000</td>
<td>250.000</td>
</tr>
</tbody>
</table>

*not cylindrical roller thrust bearings and spherical roller thrust bearings

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Special grease TEMP110

TEMP110
Special grease for ball bearings and roller bearings

Typical applications:
- Electrical equipment
- Motor vehicles

Suitable for
Low temperatures ++
High temperatures ++
Low friction, +
High speeds, 
High loads, 
low speeds, 0
Vibrations, 0
Support for seals, 0
Relubrication facility, 0

Rating
++ extremely suitable
+ highly suitable
o suitable

Available containers:
400 g cartridge
1 kg can
50 kg hobbock
Special grease TEMP120

TEMP120
Special grease for ball bearings and roller bearings

Typical applications:
• Continuous casting plant

Suitable for
Low temperatures +
High temperatures ++
Low friction, +
High loads, –
Low speeds ++
Vibrations 0
Support for seals 0
Relubrication facility 0

Rating
++ extremely suitable
+ highly suitable
0 suitable
– less suitable

Available containers:
1 kg can
5 kg bucket
25 kg hobbock
Special grease TEMP200

TEMP200
Special grease for ball bearings and roller bearings

Typical applications:
• Track rollers in automatic baking equipment
• Piston pins in compressors
• Kiln trucks
• Chemical plant

Suitable for
Low temperatures ++
High temperatures ++
Low friction, high speeds --
High loads, low speeds +
Vibrations --
Support for seals 0
Relubrication facility 0

Rating
++ extremely suitable
+ highly suitable
0 suitable
– less suitable
–– not suitable

Available containers:
70 g tube
1 kg can
Special grease SPEED2.6

SPEED2.6 Special grease for ball bearings

Typical applications:
- Machine tools
- Instruments

Suitable for
- Low temperatures ++
- High temperatures 0
- Low friction, high speeds ++
- High loads, low speeds --
- Vibrations --
- Support for seals 0
- Relubrication facility +

Rating
- ++ extremely suitable
- + highly suitable
- 0 suitable
- – less suitable
- -- not suitable

Available containers:
- 250 g tube
- 1 kg can
- 25 kg hobbock
Special grease VIB3

VIB3
Special grease for ball bearings and roller bearings

Typical applications:
• Blade adjusters in wind turbine rotors
• Packaging machinery

Suitable for
Low temperatures +
High temperatures +
Low friction, high speeds –
High loads, low speeds +
Vibrations ++
Support for seals 0
Relubrication facility –

Rating
++ extremely suitable
+ highly suitable
0 suitable
– less suitable

Available containers:
400 g cartridge
1 kg can
5 kg bucket
25 kg hobbock
50 kg hobbock

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Edition: 15-01-2009

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Special grease BIO2

BIO2
Special grease for ball bearings and roller bearings

Typical applications:
• Environmentally harmful applications

Suitable for
- Low temperatures +
- High temperatures 0
- Low friction, high speeds 0
- High loads, low speeds 0
- Vibrations 0
- Support for seals 0
- Relubrication facility +

Rating
+ highly suitable
0 suitable

Available containers:
400 g cartridge
1 kg can
10 kg bucket
25 kg hobbock
180 kg drum
Special grease FOOD2

**FOOD2**
Special grease for ball bearings and roller bearings

Typical applications:
- Applications with food contact

**Suitable for**
- Low temperatures +
- High temperatures –
- Low friction, high speeds 0
- High loads, low speeds 0
- Vibrations 0
- Support for seals 0
- Relubrication facility ++

**Rating**
++ extremely suitable
+ highly suitable
o suitable
– less suitable

**Available containers:**
- 400 g cartridge
- 1 kg can
- 10 kg bucket
- 25 kg hobbock
- 180 kg drum
### Container sizes • Ordering examples

<table>
<thead>
<tr>
<th>Arcanol grease</th>
<th>20 g tube</th>
<th>70 g tube</th>
<th>250 g tube</th>
<th>400 g cartridge</th>
<th>1 kg can</th>
<th>5 kg bucket</th>
<th>10 kg bucket</th>
<th>25 kg hobbock</th>
<th>50 kg hobbock</th>
<th>180 kg drum</th>
</tr>
</thead>
<tbody>
<tr>
<td>MULTITOP</td>
<td>–</td>
<td>–</td>
<td>•</td>
<td>•</td>
<td>–</td>
<td>•</td>
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</tr>
<tr>
<td>MULTI2</td>
<td>•</td>
<td>–</td>
<td>•</td>
<td>•</td>
<td>–</td>
<td>•</td>
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<tr>
<td>MULTI3</td>
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<td>•</td>
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<td>–</td>
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<td>–</td>
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</tr>
<tr>
<td>LOAD150</td>
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<td>–</td>
<td>•</td>
<td>–</td>
<td>•</td>
<td>–</td>
<td>–</td>
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<tr>
<td>LOAD220</td>
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<td>–</td>
<td>•</td>
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<td>•</td>
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<td>–</td>
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<tr>
<td>LOAD400</td>
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<td>–</td>
<td>•</td>
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<td>•</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>LOAD1000</td>
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<td>TEMP90</td>
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<td>•</td>
<td>–</td>
<td>•</td>
<td>–</td>
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<tr>
<td>TEMP110</td>
<td>–</td>
<td>•</td>
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<td>•</td>
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<td>–</td>
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</tr>
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<td>•</td>
<td>–</td>
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**Ordering examples:**

<table>
<thead>
<tr>
<th>Ordering designation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARCANOL-MULTITOP-5KG</td>
<td>FAG rolling bearing grease Arcanol MULTITOP in 5 kg bucket</td>
</tr>
<tr>
<td>ARCANOL-MULTI2-20G</td>
<td>FAG rolling bearing grease Arcanol MULTI2 in 20 g tube</td>
</tr>
<tr>
<td>ARCANOL-MULTI3-25KG</td>
<td>FAG rolling bearing grease Arcanol MULTI3 in 25 kg hobbock</td>
</tr>
<tr>
<td>ARCANOL-LOAD150-10KG</td>
<td>FAG rolling bearing grease Arcanol LOAD150 in 10 kg bucket</td>
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<tr>
<td>ARCANOL-LOAD220-180KG</td>
<td>FAG rolling bearing grease Arcanol LOAD220 in 180 kg drum</td>
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<tr>
<td>ARCANOL-LOAD400-400G</td>
<td>FAG rolling bearing grease Arcanol LOAD400 in 400 g cartridge</td>
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<tr>
<td>ARCANOL-LOAD1000-5KG</td>
<td>FAG rolling bearing grease Arcanol LOAD1000 in 5 kg bucket</td>
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<tr>
<td>ARCANOL-TEMP90-1KG</td>
<td>FAG rolling bearing grease Arcanol TEM90 in 1 kg can</td>
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<tr>
<td>ARCANOL-TEMP110-400G</td>
<td>FAG rolling bearing grease Arcanol TEMP110 in 400 g cartridge</td>
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<tr>
<td>ARCANOL-TEMP120-25KG</td>
<td>FAG rolling bearing grease Arcanol TEMP120 in 25 kg hobbock</td>
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<tr>
<td>ARCANOL-TEMP200-70G</td>
<td>FAG rolling bearing grease Arcanol TEMP200 in 70 g tube</td>
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<tr>
<td>ARCANOL-SPEED2,6-250G</td>
<td>FAG rolling bearing grease Arcanol SPEED2,6 in 250 g tube</td>
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<tr>
<td>ARCANOL-VIB3-25KG</td>
<td>FAG rolling bearing grease Arcanol VIB3 in 25 kg hobbock</td>
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<tr>
<td>ARCANOL-BIO2-1KG</td>
<td>FAG rolling bearing grease Arcanol BIO2 in 1 kg can</td>
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<tr>
<td>ARCANOL-FOOD2-10KG</td>
<td>FAG rolling bearing grease Arcanol FOOD2 in 10 kg bucket</td>
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</tbody>
</table>


**FAG grease gun**

In difficult operating conditions or aggressive environments, rolling bearings must be frequently relubricated via lubrication nipples. With the FAG grease gun and the matching reinforced hose, this operation can be carried out easily, cleanly and quickly by hand. The parts correspond to DIN 1283. The gun can either be filled with bulk grease or fitted with a cartridge to DIN 1284.

Ordering designation (gun): ARCA-GREASE-GUN

Ordering designation (reinforced hose with hydraulic grip coupling for taper type lubrication nipple to DIN 71412): ARCA-GREASE-GUN.HOSE

Ordering designation (reinforced hose with connector for cylindrical nipples to DIN 3404, optionally available): ARCA-GREASE-GUN.HOOK-ON-HOSE

**Automatic FAG lubricators Motion Guard**

When automatic lubricators are used for controlled relubrication, a sufficient quantity of fresh grease is continuously supplied to the contact points of the rolling bearing. This extends the lubrication and maintenance intervals and shortens the downtime of the plant.

We offer three lubricator ranges:

- **Motion Guard COMPACT**
  Single point lubrication system, comprising housing, filled with 120 cm³ grease and activation screw;
  ordering example: ARCALUB-TEMP90-1M

- **Motion Guard CHAMPION**
  Single point lubrication system, comprising LC unit of 120 cm³ or 250 cm³ volume with battery set, drive unit, adapter;
  ordering example: ARCALUB.LC120-MULTITOP-KIT

- **Motion Guard CONCEPT6**
  Single point lubrication system, expandable to multiple point lubrication system by means of distributor, cartridge of 250 cm³ or 500 cm³ volume, with battery set, drive unit, retainer;
  ordering example: ARCALUB-C6-250-KIT

**FAG metering devices**

The metering devices can be used to provide grease to rolling bearings in metered quantities in the range 10 cm³ to 133 cm³. Larger metering ranges can also be achieved by operating the devices several times. By means of a pneumatically driven, double direction piston pump, the medium is conveyed directly from the grease container (25 kg or 180 kg) via the metering valve to the application point.

The grease metering device comprises

- a cover
- a grease follower plate
- a metering valve
- a hose connecting the pump and valve
- a 2.5 m hose
- a grease pistol

Ordering designations:
ARCA-PUMP-25
ARCA-PUMP-180
## Relubrication equipment

### Suitability of FAG relubrication equipment for Arcanol greases

<table>
<thead>
<tr>
<th>Grease Arcanol</th>
<th>Grease gun</th>
<th>Automatic lubricators</th>
<th>Metering devices</th>
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<tbody>
<tr>
<td></td>
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1) Dispensing period 1, 3 and 6 months
## Comparison of ordering designations

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<th>Ordering designation for countries outside Europe</th>
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<td>ARCA.GREASE-GUN</td>
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<td>ARCA-GREASE-GUN.HOSE</td>
<td>ARCA.GREASE-GUN.HOSE</td>
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<td>ARCA-PUMP-25 (~180)</td>
<td>ARCA.PUMP.25 (~180)</td>
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<td>ARCA.LUB. ...-1M (~3M, ~6M, ~12M)</td>
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<td>ARCA.LUB. ...-LC120.KIT (~LC250.KIT)</td>
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<td>ARCALUB-C6-250-KIT (~500-KIT)</td>
<td>ARCA.LUB.C6-250.KIT (~500.KIT)</td>
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</tbody>
</table>
Notes
Notes
Every care has been taken to ensure the correctness of the information contained in this publication but no liability can be accepted for any errors or omissions. We reserve the right to make technical changes.

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