

To have the best performance, and minimum wear, from our Manoeuvring Groups *Bimeccanica* recommends and supplies the following lubricants.

art.Molykote® DX

For generic industrial applications (HEAVY LOADS)

GENERAL FEATURES

- For sliding surfaces and friction points subjected to heavy loads, that require "clean" lubrication particularly at low and medium speeds.
- Applicable in many fields of use: electronic equipment, office machinery or packaging equipment, precision instruments, machinery in the food industry, textile industry, plastic materials industry, etc.
- Good water resistance .
- Prevents corrosion by friction (jerkiness).
- Good protection from corrosion.
- Excellent protection from wear. .

TECHNICAL DATA

- **Colour:** White
- **Working temperature:** - 25/+125
- **Density at 20°C :** 1,1 g/cm³
- **Oil viscosity:** 110 mm²/s at 40° C
- **Worked penetration:** 285/315 mm/10
- **Corrosion test:** 2-3 (SKF-Emcor method)
- **Water resistance:** 2-90



CODE	ARTICLE	MINIMUM QUANTITY SUPPLIED	NUMBER OF PIECES PER PACK	WEIGHT EACH (Kg)
107GMB00	Molykote® DX in can	1 can	10	1,000

art.Molykote® Longterm W2

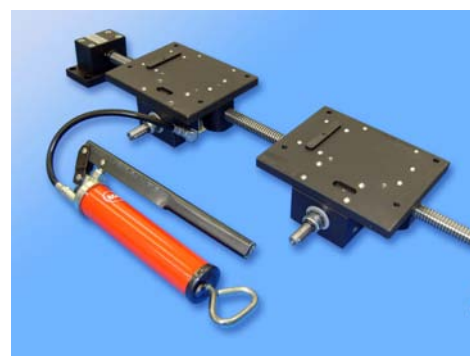
For generic industrial applications (MEDIUM LOADS)

GENERAL FEATURES

- Lubricating grease for metal/metal combinations having slow to medium movements and medium loads.
- Used with success in the bearings of industrial machinery of the food or pharmaceutical industry, on textile machines or those for the manufacture of paper, in electro domestics and precision mechanical tools
- Good resistance to load.
- Good for long term lubrication thanks to a low tendency for evaporation.
- Protection against wear thanks to solid lubricants.
- Good adhesion strength thanks to adhesive agents incorporated.

TECHNICAL DATA

- **Colour:** White
- **Working temperature:** - 30/+110
- **Density at 20°C :** 0.9 g/cm³
- **Oil viscosity:** 125 mm²/s at 40° C
- **Worked penetration:** 265/295 mm/10
- **Corrosion test:** 0-1 (SKF-Emcor method)



CODE	ARTICLE	MINIMUM QUANTITY SUPPLIED	NUMBER OF PIECES PER PACK	WEIGHT EACH (Kg)
107GMB01	Molykote® Longterm W2 in can	1 can	10	1,000
107GMC00	Molykote® Longterm W2 in cartridge	1 cartridge	10	0.400

art.Molykote® P-1900

For applications in the food and pharmaceutical sectors



GENERAL FEATURES

- Lubrication of components working with food and drinks industries For sliding surfaces and friction points subjected to heavy loads, especially at slow and medium speeds.
- Confirms to the FDA 21 CFR 178.3570 and NSF H1 regulations relative to accidental contact with food.
- Low friction coefficient.
- Good water resistance .
- Good resistance to heavy loads.
- Contains solid lubricants.



TECHNICAL DATA

- **Colour:** Bianco
- **Working temperature:** - 30/+300
- **Density at 20°C:** 1,11 g/cm³
- **Oil viscosity:** 85
- **Worked penetration:** 290/340 mm/10
- **Water resistance:** 1-90



CODE	ARTICLE	MINIMUM QUANTITY SUPPLIED	NUMBER OF PIECES PER PACK	WEIGHT EACH (Kg)
107GMB02	Molykote® P-1900 in can	1 can	10	1,000
107GMC01	Molykote® P-1900 in cartridge	1 cartridge	10	0.400

art.Molykote® P-40

For qualified applications in the nautical/marine sectors or in the prescence of high temperatures and strong pressures

GENERAL FEATURES

- Assemblies of threaded connections, spline shafts, fitting bearings.
- Service lubrication; for various parts of sliding systems, brake rods, command screws, cams and bearings.
- Marine applications.
- Excellent adhesion.
- Good resistance to water, to corrosion and contact corrosion.
- Metal free.



TECHNICAL DATA

- **Colour:** Light brown
- **Working temperature:** - 40 /+230 (paste)
- 40 /+1200 (lubricant)
- **Oil viscosity:** 900 at 40° C
- **Worked penetration:** 315/350 mm/10
- **Corrosion test:** 0 (SKF-Emcor method)
- **Water resistance:** 2-90
- **Salt spray test:** 500 hours



CODE	ARTICLE	MINIMUM QUANTITY SUPPLIED	NUMBER OF PIECES PER PACK	WEIGHT EACH (Kg)
107GMB03	Molykote® P-40 in can	1 can	10	1,000

art.Klüberplex BEM 41-132**For generic industrial applications (HEAVY LOADS)****GENERAL FEATURES**

- Versatile lubricating grease thanks to ample range of working temperatures and good release of oil.
- It is based on synthetic hydrocarbon oil, mineral oil and a special lithium soap.

TECHNICAL DATA

- **Colore:** Yellow
- **Working temperature:** - 30/+150
- **Density at 20°C:** 0,9 g/cm³
- **Oil viscosity at 40°C mm²/s:** Ca.120
- **Oil viscosity at 100°C mm²/s:** Ca.14
- **Drop point:** 250°C
- **Worked penetration:** 265/295 mm/10
- **Corrosion test:** <1 (SKF-Emcor method)
- **Consistency Class, DIN 51 818, NLGI:** 2



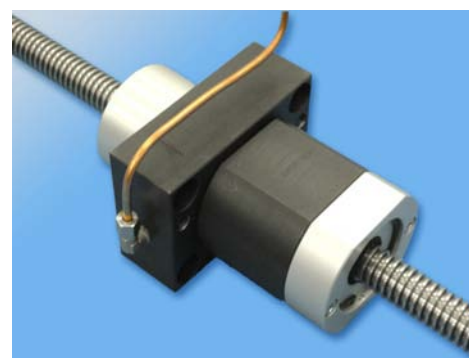
CODE	ARTICLE	MINIMUM QUANTITY SUPPLIED	NUMBER OF PIECES PER PACK	WEIGHT EACH (Kg)
107GKB00	Klüberplex BEM 41-132 in tin	1 tin	6 (or 12)	1,000

art.Polylub WH2**For generic industrial applications (MEDIUM LOADS)****GENERAL FEATURES**

- Multi-purpose lubricating grease with a base of mineral oil and lithium soap.
- Has a good adhesive power.
- Performs well in low temperatures.
- Good anti-corrosive characteristics.

TECHNICAL DATA

- **Colour:** Whitish
- **Working temperature:** -40/+120
- **Density at 20°C:** 0,93 g/cm³
- **Oil viscosity at 40°C mm²/s:** Ca.225
- **Oil viscosity at 100°C mm²/s:** Ca.16
- **Drop point:** >190°C
- **Worked penetration:** 265/295 mm/10
- **Corrosion test:** 0/1 (SKF-Emcor method)
- **Consistency Class, DIN 51 818, NLGI:** 2



CODE	ARTICLE	MINIMUM QUANTITY SUPPLIED	NUMBER OF PIECES PER PACK	WEIGHT EACH (Kg)
107GKB01	Polylub WH2 in tin	1 tin	6 (or 12)	1,000

art.Klüberfood NH1 94-402**For applications in the food and pharmaceutical sectors****GENERAL FEATURES**

- Special synthetic lubricating grease approved for incidental contact in the food industry.
- Good sliding characteristics to guarantee a good lubricating film on critical surfaces.
- Approve grease NSF H1 (n.139051).
- It is composed of a highly refined base oil and a calcium complex thickener.

TECHNICAL DATA

- **Colour:** Beige
- **Working temperature:** - 30/+140
- **Density at 20°C:** 0,97 g/cm³
- **Oil viscosity at 40°C mm²/s:** Ca.400
- **Oil viscosity 100°C mm²/s:** Ca.40
- **Drop point:** >250°C
- **Worked penetration:** 265/295 mm/10
- **Corrosion test:** <1 (SKF-Emcor method)
- **Consistency Class, DIN 51 818, NLGI:** 2



CODE	ARTICLE	MINIMUM QUANTITY SUPPLIED	NUMBER OF PIECES PER PACK	WEIGHT EACH (Kg)
107GKC00	Klüberfood NH1 94-402 in cartridge	1 cartridge	12	0,400

art.Straburags NBU 12/300 KP**For qualified applications in the nautical/ marine sectors****GENERAL FEATURES**

- Special lubricating grease for long term use.
- Very good resistance to water and ensures good corrosion protection.
- It is composed of a mineral oil base and a barium complex soap thickener.

TECHNICAL DATA

- **Colour:** Beige
- **Working temperature:** - 20/+130
- **Density at 20°C:** 0,9 g/cm³
- **Oil viscosity at 40°C mm²/s:** Ca.225
- **Oil viscosity at 100°C mm²/s:** Ca.19
- **Drop point:** >220°C
- **Worked penetration:** 300 mm/10
- **Corrosion test:** <0/1 (SKF-Emcor method)
- **Consistency Class, DIN 51 818, NLGI:** 1/2



CODE	ARTICLE	MINIMUM QUANTITY SUPPLIED	NUMBER OF PIECES PER PACK	WEIGHT EACH (Kg)
107GKB02	Straburags NBU 12/300 KP in can	1 can	6 (or 12)	1,000

art.Klüberpaste HEL 46-450**For high temperature and pressure applications****GENERAL FEATURES**

- Synthetic lubricating paste for high temperature use and heavy loads. (Four-ball tester DIN 51350 T04 5000 N).
- Ideal for use on normal and high steel alloys.
- It is composed of fully synthetic polyalkylene glycol and ester base oils and a combination of inorganic solid lubricants.

TECHNICAL DATA

- **Colour:** Black
- **Working temperature:** - 40/+1000
- **Density at 20°C:** 1,43 g/cm³
- **Oil viscosity at 40°C mm²/s:** Ca.42
- **Oil viscosity at 100°C mm²/s:** Ca.10
- **Drop point:** >250°C
- **Worked penetration:** 325/340 mm/10
- **Corrosion test:** <=1 (SKF-Emcor method)
- **Consistency Class, DIN 51 818, NLGI:** 1



CODE	ARTICLE	MINIMUM QUANTITY SUPPLIED	NUMBER OF PIECES PER PACK	WEIGHT EACH (Kg)
107GKB03	Klüberpaste HEL 46-450 in can	1 can	6 (or 12)	0,750