



CICO® SM 1200 B

UNIVERSAL SERVICE AND ASSEMBLY PASTE



Product benefits

- highly effective service and assembly paste
- optimal lubrication
- for static and moving components
- long-term protection against seizure and corrosion
- creates optimal frictional resistance
- causes more uniform preload
- pressure resistant to 7.5 t/cm²
- temperature resistant -180°C to +1200°C
- can be applied down to -40°C
- salt water and chemical resistant



Description

CICO® SM 1200 B, universal service and assembly paste, is a combination of chemically treated solid lubricants and a solvent-free, biodegradable organic carrier. Even a thin surface film provides optimum separation and lubrication. It ensures a high level of long-term protection against seizure and corrosion. The unusually high compressive strength and optimum frictional resistance provide a more uniform preload. Disassembly is facilitated even after years.

CICO® SM 1200 B provides corrosion and wear protection even at high temperatures up to +1200°C and in highly corrosive atmospheres. It is used in all areas of mechanics: in sliding bearings, screwed and fixed connections, guideways, bolts, pins, bushings and hinges, on fits, joints, gears and wire ropes, among others.

Application information

CICO® SM 1200 B can simply be applied as a paste with a spatula or brush or, if necessary, diluted with **CICO® Thinner K**. **CICO® SM 1200 B** is also available as a spray for use in hard-to-reach areas. The spray can must be shaken before use due to the solid lubricants it contains. **CICO® SM 1200 B** is supplied in the following container sizes: 1 kg, 5 kg, 10 kg and **CICO® SM 1200 B Spray** (400 ml). Other container sizes on request.

Attention

The spray can is under pressure. It must be kept out of the hands of children and protected from heat and damage. Do not spray against naked flames or incandescent objects. Use only outdoors or in well-ventilated areas. Avoid inhalation of the aerosol and protect the eyes. Only dispose of when completely empty.

Technical specifications

Substance name	CICO® SM 1200 B
Colour	gray
Density (at 20°C)	1.2 g/cm ³
NLGI class	2 (thixotropic)
Viscosity (at 40°C)	120 mm ² /s (base oil)
Pressure resistance	7.5 t/cm ² (Brugger method)
Temperature resistance	-180°C to 1200°C
Solubility in water (at 24°C)	0.2 g/l
Flashpoint	>300°C
Ignition point	>350°C
Thermal decomposition	>370°C
Dangerous reactions	none
Biodegradable (CEC-L-33-A-94)	>90% (base oil)
Water hazard class (WGK)	1
Disposal (AVV)	130207
Transport	no dangerous goods
Storage stability	at least 2 years



CICO® SM 1200 B

UNIVERSAL SERVICE AND ASSEMBLY SPRAY



Technical specifications

Substance name	CICO® SM 1200 B Spray
Form	aerosol, active ingredient: fluid
Colour	gray
Smell	characteristic
Density (at 20°C)Bi	0.66 g/cm ³ , active ingredient: 0,88 g/ml
Ignition point	does not apply to aerosols
Solvent content, VOC (EU)	80%
Auto-ignition temperature	does not apply to aerosols
Explosive properties	not explosive, Formation of explosive vapour/air mixtures is possible
Dangerous reactions	none
Solubilities	there is no information
Disposal (AVV)	150104 (metal packaging) 150110 (may contain residues of hazardous substances)
Transport	UN1950 (pressurized gas packages)
Storage stability	at least 2 years