



CICO® AH 1980 B

SPECIAL LUBRICANT FOR OPEN GEARS AT HIGH PRESSURE
AND HIGH TEMPERATURE



Product benefits

- excellent lubricating effect
- specially developed for heavily loaded open gears
- high pressure and high temperature resistant
- prevents microcracks and metal break outs
- suitable to be applied down to -40°C
- long-term protection against seizing and corrosion
- reduced wear and tear and frictional resistance
- high surface adhesion
- no gumming
- significantly longer maintenance intervals
- low consumption
- environmentally friendly, no dangerous material



Description

CICO® AH 1980 B, special lubricant for open gears at high pressure and high temperatures, contains chemically treated solid lubricants in a solvent-free, biodegradable, organic carrier. It was specially developed for use in open gears at high pressure and high temperatures.

CICO® AH 1980 B has a long-term effect, reduces friction and resistance, lubricates and produces even surfaces, reduces and eliminates micro-cracks and hardly visible material breakouts.

CICO® AH 1980 B is characterized by good stability with a high solid content. The lubricant also withstands extreme environmental and pressure conditions. It can be applied down to -40 °C. Thanks to high adhesion on the metal surface, the active substance cannot be thrown off.

Even at low doses, **CICO® AH 1980 B** forms a lubricating film that is extremely strongly adhering to metal surfaces, is stable over a long period of time and guarantees constant lubrication. **CICO® AH 1980 B** effectively counteracts signs of wear and tear and extends maintenance intervals.

CICO® AH 1980 B contributes to safety and stability as well as long-term cost minimization and efficiency.

Application information

CICO® AH 1980 B is the ideal lubricant for open gears. It can be applied with appropriate spray systems, if necessary by hand.

CICO® AH 1980 B is supplied in 1 kg, 5 kg, 10 kg, 25 kg and 200 kg containers. Other container sizes on request.

Technical specifications

Substance name	CICO® AH 1980 B
Color	gray
Density (at 20°C)	1.01 g/cm ³
Viscosity (Brookfield LVT; 1.5 rpm; 24°C; spindle no. 1)	1150 mPa.s
Kinematic viscosity (ISO 3104; at 24°C)	317 mm ² /s
NLGI class (DIN 51818)	000
Application temperature	-40°C to +90°C
Temperature range of lubrication	-100°C to +500°C
Flashpoint	255 °C
Ignition point	>350°C
Thermal decomposition	>350°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