



# CICO® TL 22 B

WHEEL FLANGE LUBRICANT



## Product benefits

- reduces wear of the wheel flange and rail flanks
- no cracks or metal breaks
- high surface adhesion, high compressive strength
- no spinning off
- no gumming
- significantly longer maintenance intervals
- suitable to apply down to -40°C
- low consumption
- environmentally friendly, no dangerous material



## Description

**CICO® TL 22 B, wheel flange lubricant**, is a combination of chemically treated solid lubricants and a solvent-free, biodegradable organic carrier. It was specifically developed for use in special wheel flange spraying systems in order to effectively reduce rolling and sliding friction between the wheel flange and rail flanks in the long term and to significantly reduce wear and noise.

**CICO® TL 22 B** is characterized by good stability with a high solid content. It also withstands extreme environmental conditions. It can be applied down to -40 °C. Due to the high adhesion to the metal surface, the active substance cannot be thrown off the wheel flange. Gumming does not occur. **CICO® TL 22 B** eliminates small existing cracks, prevents further crack formation and metal breakouts on the wheel flange and rail flanks, and reduces rolling resistance and wear.

Even with low dosages, it forms an extremely strongly adhering lubricating film on the metal surfaces, which is stable over a long period of time and guarantees constant lubrication. The braking effect is not impaired by **CICO® TL 22 B** and the noise level is reduced.

**CICO® TL 22 B** contributes to vehicle safety and stability, reduces maintenance costs and maintains high efficiency.

## Application information

**CICO® TL 22 B** is the ideal lubricant for wheel flange spraying systems conveying high-strength wheel flange lubricants.

**CICO® TL 22 B** is supplied in containers of 5 kg, 10 kg, 25 kg and 200 kg. Other container sizes on request.

## Technical specifications

Substance name	CICO® TL 22 B
Color	gray
Density (at 20°C)	1.03 g/cm <sup>3</sup>
Viscosity (Brookfield LVT; 1.5 rpm; 24°C; spindle no. 1)	1150 mPa.s
Kinematic viscosity (ISO 3104; at 24°C)	327 mm <sup>2</sup> /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