



CICO® TL 1500 B

WHEEL FLANGE LUBRICANT



Product benefits

- wear and noise reduction
- controlled thixotropic properties
- high compressive strength
- does not bind dust
- high surface adhesion
- no gumming
- temperature resistance of the lubricating film from -100°C to +500°C
- suitable to apply down to -40°C
- low consumption
- environmentally friendly, no dangerous material



Description

CICO® TL 1500 B, wheel flange lubricant, is a combination of chemically treated solid lubricants and a solvent-free, biodegradable, organic carrier. It was developed in order to reduce the rolling and sliding friction between the wheel flange and rail flanks that occur under extreme environmental conditions. **CICO® TL 1500 B** eliminates small cracks. As a result, no further cracks or metal breakouts can be seen on the wheel flange and rail flanks. The strongly adhering film is characterized by good stability with a high solids content. It ensures a dry, homogeneous surface coating with only low consumption. A spinning off or damage to surrounding components is almost impossible, due to its thixotropic nature.

CICO® TL 1500 B reduces rolling resistance and wear. The braking effect is not impaired by **CICO® TL 1500 B** and the noise level is reduced. A high level of operational safety is guaranteed.

CICO® TL 1500 B contributes to vehicle safety and stability as well as long-term cost minimization and efficiency.

Application information

In combination with the appropriate application method, **CICO® TL 1500 B** forms a lubricating film that cannot be dissolved by conventional cleaning agents and adheres extremely strongly to metal surfaces, even at low dosages. A connection with rail abrasion and road dirt is avoided. The long-term separating and lubricating film prevents function-disruptive icing during winter. Wear and noise are significantly reduced.

CICO® TL 1500 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 1500 B
Color	gray
Density (at 20°C)	1.03 g/cm ³
Viscosity (Brookfield LVT; 1.5 rpm; 24°C; spindle no. 1)	1150 mPa.s
Kinematic viscosity (ISO 3104; at 24°C)	324 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