

CARLIM

**FOOD CONTACT GREASE SPECIALLY
FOR PELLET PRESS**



Nonfood Compounds
Program Listed : H1
Registration Number: 160866



7 goods reasons for using CARLIM

1. Excellente **adhesion** (anti-splashing) at high rotation speeds.
2. Highly resistant to pressures, loads and impacts.
3. Increased **lubrication** due to its very high-viscosity synthetic base.
4. Enhanced **anti-wear** capacity.
5. Totally **insoluble** in water and STEAM (High hygrometric environments).
6. Considerable thermal and mechanical **stability** (elevated dropping point).
7. **Consistency** suitable for all automatic greasing systems.

Particularly suitable for use in



F.P.I.



Industry



Construction



Public buildings

Specifically designed for use in agri-food industries and suitable for relatively strict and diverse lubrication: Bearings or single or double rollers, heavily loaded roller rows, pellet presses for animal feed.

For greasing compressor peddles of the main brands of pellet presses. This grease is also suitable for:

- High-usage smooth bearings and subject to repeated vibrations or impacts.
- Articulations, chains, various movements in aqueous or semi-immersed environments (canneries, animal food processing, fish food industry, etc...)
- Slides and cams in agri-food industries.
- Open gears or permeable enclosed gear drives near bottling lines, packaging lines, bagging lines,

Characteristics

Type of base oil: white mineral oil
Type of thickener: calcium complex
Texture: smooth
Grade NLGI (ASTM D 217) : 1
Dropping point (IP 396): >260 °C.
Base oil viscosity at 40°C (ASTM D 7152): 190 mm²/s
Base oil viscosity at 100°C (ASTM D 7152): 22 mm²/s
Penetration after 60 strokes (ISO 2137): 310/340
4-ball weld load (DIN 51350:4): 5500 N
4-ball wear (ISO 20623): 0.5 mm
Density (IP 530): 910 kg/m³

Copper corrosion (ASTM D 4048): 1a
Application temperature from -20 °C to + 100°C (max +120°C)
Water wash-out at 79°C (ISO 11009): <5%

For more information, see MSDS.

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7 +

BD10 : Multi-purpose, plant base.

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