

Fatty cup grease

General-purpose grease

PRODUCT DESCRIPTION

The **fatty cup grease** is antifriction all-purpose grease designed for lubricating units of industrial and construction equipment, as well as vehicles operating under medium and high loads. The grease can operate at temperatures ranging from minus 25 °C to plus 65 °C.

The **fatty cup grease** is obtained by thickening a mixture of high-quality petroleum oils with calcium soap of hydrated fatty acids contained in natural fats (cotton oil, hydrogenated fat etc.). It is produced at one of the most up-to-date industrial facilities in Russia, using high-quality raw materials.

APPLICATION

The **fatty cup grease** is recommended as a multipurpose grease to be applied in industrial, automotive, construction, agricultural and other machinery. It is recommended for lubricating sliding and rolling friction bearings of different machines. In sufficiently powerful units (bearings, pivot joints, blocks, etc.), the grease can operate at a temperature of down to minus 50 °C. It provides good protection of metal surfaces from corrosion.

BENEFITS

- Excellent corrosion protection of lubricated parts under high-humidity conditions.
- Good water resistance.
- Good viscosity-temperature characteristics.
- No thickening during storage.

The product is manufactured as per **GOST 1033-79**.

STANDARD CHARACTERISTICS

PROPERTY	FATTY CUP GREASE
NLGI consistency	2-3
Appearance	Homogeneous paste
Color	From light yellow to dark brown
Type of soap	Ca
Type of base oil	mineral
Structure	Smooth, without lumps
Effective viscosity at 0 °C and average gradient of strain rate of 10 sec ⁻¹ , Pa·s (P), or less	250 (2500)
Dropping point, °C, or more	78
Penetration at 25 °C after stirring, 0.1 mm	230-290
Shear strength at 50 °C, Pa (gf/cm ²), or more	196 (2.0)
Weight percentage of free alkali expressed in NaOH, %, or less	0.2
Content of mechanical impurities	none
Weight percentage of water, %, or less	2.5
Weight percentage of calcium soaps of fatty acids contained in natural fats, %, or more	11.0
Content of free organic acids	none
Operating temperature range, °C	-25...+65

The standard product characteristics are average values and do not constitute the manufacturer's specification. They can be subject to change in accordance with the requirements of INTESMO, LLC. Please contact the technical support team for any question related to the application and replacement of grease products manufactured by INTESMO, LLC.