

GREASE FOR FRICTION UNITS OF INDUSTRIAL MACHINERY



Canning of ready-to-use grease lubricant



Final treatment of grease lubricant

Stage of Development. Suggestions for Commercialization

IRL5, TRL6

A prototype is manufactured and tested at customer's site; support in the design works and production organization is provided upon request

Areas of Application

The grease is an effective antifriction agent to be used for lubricating the friction units operating in wet and corrosive environments at a high temperature and pressure at brick, glass, ceramic, and cement factories and plants

Specification

The grease is a dark brown substance, easily soluble in hydrocarbons, with a dropping point $>250\text{ }^{\circ}\text{C}$, a strength limit of $800\text{--}830\text{ Pa}$ at a temperature $20\text{ }^{\circ}\text{C}$, a welding load of 7350 N at a temperature $(20 \pm 5)\text{ }^{\circ}\text{C}$, and a critical load of $1470\text{--}1842\text{ N}$; it improves the protection of metal surfaces of friction units from corrosion

Advantages

The grease is notable for improved tribological and protective properties and an increased thermo-oxidative stability. It leaves behind both domestic and best foreign analogs in terms of operational and environmental properties

IPR Protection

IPR3

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