

ETEROL-NS MULTIFUNCTIONAL LUBRICANT ADDITIVE



Areas of Application

The product is a multifunctional additive to transmission and industrial oils, greases, and refrigerating lubricants for improvement of tribological and antioxidant properties

Specification

Eterol-nS is a substance with a mass fraction of sulfur $n = 5-38\%$; it is a non-volatile non-hazardous transparent brown color liquid with a kinematic viscosity $3-8 \text{ mm}^2 \cdot \text{s}^{-1}$ at 100°C , an acid index of $2-10 \text{ mg KOH} \cdot \text{g}^{-1}$, a flash point in open crucible of $265-270^\circ\text{C}$ and an ignition temperature of 319°C , soluble in hydrocarbons

Stage of Development. Suggestions for Commercialization

IRL5, TRL6

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

Advantages

The additive improves viscosity-temperature, protective, anti-wear, and anti-seize characteristics of lubricants under high load and velocity. The product's operational and ecological properties exceed those of counterparts based on fatty acids and their derivatives and are as good as those of highly effective foreign analog

IPR Protection

IPR3

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