

## TECHNICAL DATA SHEET

### HEAT-RESISTANT GREASE TERMOL-1

#### Composition

Synthetic oil, solidified with inorganic thickener, contains extreme pressure, antiwear and antifriction additives.

#### Sphere of application

Lubrication of roller bearings and other parts (exposed to high temperature impacts **(up to +400°C)**), that are installed in equipment (circulation fans on BN-type gas furnaces, transporter mechanisms and kiln tunnels). Operating temperature range: from **-40°C** till **+400 °C**.

#### Main performance characteristics

- has good lubricity and reduces wearout of the bearings;
- welding load, H, min - 3000 ;
- has low volatility and high mechanical stability;
- has excellent corrosion resistance;

#### Features

Grease is intended for a wide range of temperatures with increased operating age. With operating temperature up to **+400°C** grease is not getting soften and does not cause leakage of the lubricant, which could disrupt the normal lubrication process.

#### MEETS REQUIREMENTS:

**NLGI 1/2; DIN 51502: K HC PF 1/2 U-40**

#### TYPICAL PROPERTIES:

Наименование показателя	Normative values	Test methods
	«Termol-1»	
Соответствие классификациям NLGI DIN 51502	1/2 K HC PF 1/2 U-40	
Basis	Synthetic oil	
Thickener	inorganic(aerosil)	
Application temperature	<b>-40°C ... +400°C</b>	
Appearance	homogeneous smooth black salve	DSTU 38.001

Penetration at 25°C with stirring (60 double strokes), $m \times 10^{-4}$ , within	265 - 310	GOST 5346
Colloid stability, % of dedicated oil, not more than	12	GOST 7142
Evaporation at 150°C within 1 ч, %, not more than	2,0	GOST 9566
Corrosive effect on metals (steel grade – 45, according to GOST 1050)	Withstands	GOST 9.080
Mass fraction of water, %, not more than	0,2	GOST 2477

The specified values of the indicators are typical for the results lying within the production standards, but are not an integral part of the technical conditions or specifications. In the manufacturing of batches possible deviations that do not affect performance. The information contained herein is subject to change without notice.