

PRODUCT DESCRIPTION AND APPLICATION



Product description

Rosneft Plastex CT-1 is a thread lubricant for oil country tubular products. Its operating temperature range from - 50 ° C to 200 ° C. It meets the requirements of GOST R ISO 13678 / API 5AZ.

Application

Rosneft Plastex CT-1 is designed to sealing and protect against corrosion of rounded and thrust threads on connections casing, tubing, drill pipes and pipelines of any diameter, including threaded pipe connections of the "Premium" class, when operating at high pressures. The product contains lead.

APPROVALS AND SPECIFICATIONS

NLGI Grades:
1

Approvals and specifications:
GOST R ISO 13678 / API 5AZ

BENEFITS

- Works under high pressure operation;
- Provides sealing during repeated screwing of pipes;
- Provides good adhesion to the thread surface;
- Provides the ability to apply manually, with brushes or spatulas, and through the automatic supply of grease;
- Provides the possibility of high-quality (without sagging, with sufficient degree of ease) applied to threads at temperatures up to - 500 C;
- Has a friction coefficient of 1.2.

PACKAGING

20 L

Typical physical and chemical properties

Parameter	Test method	Rosneft Plastex CT
		1
Evaporation at 100 ° C in 24 hours,%	GOST 9566	No more than 2.0
Melting point, ° C	GOST 6793	170
Penetration at 25 ° C with stirring, 0.1 mm, within	GOST 5346	310-340
Colloidal stability,% oil separation	GOST 7142	5.6
Corrosive attack on metals	GOST 9.080	pass
Oil release,% after 24 h exposure at 66 ° C, no more	GOST R ISO 13678 appendix E	5.0
Gas evolution, cm ³ , for 120 h at 66 ° C, no more	GOST R ISO 13678 appendix G	20
Leaching with water,% after holding for 2 h at 66 ° C, no more	GOST R ISO 13678 appendix H	5.0
Corrosion inhibition at 38 ° C, corrosion area,% no more	GOST R ISO 13678 appendix L	1.0