

PRODUCT DESCRIPTION AND APPLICATION



Product Description

Rosneft Plastex CT-4 is a thread lubricant for oil country tubular goods. 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-4 is designed for to sealing and protect against corrosion protection of rounded and thrust threads on the connections of casing, tubing, drill pipes and pipelines of any diameter exposed to repeated make-up when operating at pressures up to 70 MPa. It does not contain lead.

APPROVALS AND SPECIFICATIONS

NLGI Grades:
1

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

BENEFITS

- Works under high pressure operation, providing sealing of threaded connections at liquid and gas pressures up to 70 MPa;
- Provides sealing during repeated screwing of pipes;
- Provides good adhesion to the thread surface;
- Provides the ability to apply both by hand, brush or spatula, and through automatic lubrication;
- Provides the possibility of high-quality (without sagging, with sufficient degree of ease) applied to threads at temperatures up to - 50 0 C;
- Has a friction coefficient of 1.3.

PACKAGING

20 L

Typical Physical and Chemical Properties

Parameter	Test method	Rosneft Plastex CT
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Evaporation at 100 ° C in 24 hours,%	GOST 9566	No more than 2.0
Melting point, ° C	GOST 6793	179
Penetration at 25 ° C with stirring, 0.1 mm, within	GOST 5346	310-340
Colloidal stability,%, oil separation	GOST 7142	3.6
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, cm3, 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