

## LOW TEMPERATURE GREASE

### Grease CIATIM - 201

GOST 6267-74

### NLGI 2

#### **Compositions**

Low-viscosity petroleum oil solidified with lithium soap with the addition of antioxidant additives

#### **Applications**

Friction units working with low shear at low loads: aviation equipment, radio equipment, electromechanical and other apparatus and the precise mechanisms of

some of the machines working in the High North;

The basic units of vehicles and other ground vehicles operated in the northern regions. Temperature range of application: **-60 to 90 °C.**

#### **Main operation properties**

- satisfactory mechanical stability;
- low colloidal stability;
- frost-and water-resistant;

#### **Indicators of physical and chemical properties**

Index name	CIATIM-201	
Meets classifications <b>NLGI</b> <b>DIN 51502</b>	<b>2</b> <b>K2E-60</b>	<b>Test methods</b>
Thickener	<b>Li</b>	
<b>Operating temperature, °C</b>	<b>- 60.. 90</b>	
1. Product appearance	Homogeneous ointment without lumps from light yellow to light brown color	GSTU38.001
2. Worked penetration (60 double strokes) at 25 °C, m×10 <sup>-4</sup> , in limits	Not standardized	GOST 5346
3. Dropping Point, °C	175	GOST 6793
4. Colloid stability, % separated oil, not more than	26	GOST 7142
5. Evaporation at 120 °C, 1 hour,% recovered oil, no more	25	GOST 9566
6. Tensile shear strength at 50 °C, Pa, not less than	250-500	GOST 7143
7. Corrosive influence on metals	Pass	GOST 9.080
8. Fraction mass of water, %, not more than	None	GOST 2477
9. Stability against oxidation at 150 °C 10h, mg KOH / g, more	3	GOST 5734 p.p..3.4 of this standard
10. Fraction of free alkali in the recalculation of NaOH, %, not more than	0,1	GOST 6707

**Shelf life** 5 years from the day of manufacturing.