



Gazpromneft Grease PM CS 1.5

Multifunctional water-resistant calcium sulfonate-based grease is designed for friction units operating at high temperatures and ultra-high loads. It is used in heavy-duty paper-making machines: mid- and high-RPM equipment units, high temperatures and direct water contact.

Advantages

- Excellent performance in the temperature range from -30 °C to +200 °C.
- Ensures highly effective corrosion protection for bearings against accidental water ingress.
- Provides protection of units due to the high level of adhesive properties.
- Resistance to the content of water pressure entering the equipment cooling and participating in the technological process.
- High anti-wear and extreme pressure properties.

Typical physico-chemical characteristics

Properties	Method	Gazpromneft Grease PM 1.5
Compliance with the standard	DIN 51502	KP 1-2 S -30
NLGI grade		1.5
Range of temperatures, °C		from -30 °C to +200 °C
Appearance	Visual	Homogeneous, from light yellow to brown
Base oil kinematic viscosity at 40 °C, mm ² /s	ASTM D 445	160
Worked penetration 60 stokes at 25 °C, 10 ⁻¹	ASTM D 217	300
mm	AGTIN D 217	300
Dropping point, °C	ASTM D2265	>300
Mass fraction of water, %	GOST 2477	-
Corrosion of copper, 24 hr at 100°C, points	ASTM D 4048	1a
Water Washout, wt%	ASTM D 1264	<0.5
Oil separation test, %	ASTM D 6184	-
4-Ball Weld Load, N	GOST 9490	4000
4-Ball Wear Scar Diameter, mm	GOST 9490	0.5

The company's management system is certified in accordance with the international standards

ISO 9001



ISO 14001

ISO 45001





The above information is typical for the currently manufactured products. Due to ongoing research and development, the information contained herein is subject to change. Information on the safe use of the product is contained in the Safety Data Sheet. For more information, contact our technical specialists. E-mail: <u>Techservice@gazprom-neft.ru</u>. 12/2023