

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 mm	ASTM 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

