

## Gazpromneft Grease HighSpeed EP 3

*Extreme Pressure Lithium Grease for High Speed Bearings*

Gazpromneft Grease HighSpeed EP 3 is a high performance, extreme pressure grease for industrial applications. It is made from high performance VHVI base oils and special additives to provide excellent performance in electric motors and high speed bearing applications. Gazpromneft Grease HighSpeed EP 3 allows to extend service life and provides excellent low temperature performance. Gazpromneft Grease HighSpeed EP 3 is recommended for use over the temperature range -40°C to 140°C.

### Applications

- Electrical motors
- High speed bearings (loaded & unloaded) of machine tools and industrial fans
- Wheel bearings with high speed factor  $D_mN$

### Features, Advantages & Potential Benefits

- **Excellent performance in high-speed applications**  
The combination of high performance base oils and advanced EP package provides maximum protection from wear and breakdown under the most difficult conditions
- **Outstanding grease life**  
Long-lasting equipment protection provide reduced maintenance costs
- **Excellent low-temperature performance**  
Easier low temperature start-up and lower running torque for extended bearing life and reduced unanticipated downtime
- **Excellent mechanical stability**  
Superior resistance to softening due to mechanical working
- **Excellent water and corrosion resistance**  
Resists water washout and protects bearings against corrosion

### Meet the requirements

Specification	Gazpromneft Grease HighSpeed EP 3
DIN 51502	KP3N-40

### Typical Characteristics

Properties	Method	Gazpromneft Grease HighSpeed EP 3
NLGI Grade		3
Thickener Type		Lithium
Color	visual	Beige
Dropping Point, °C	ASTM D2265	290
Base Oil Viscosity @100°C, mm <sup>2</sup> /s	ASTM D445	45,0
Penetration, worked 60 stokes, mm/10	ASTM D217	245
4-Ball Wear Scar Diameter, mm	ASTM D 2266	0,6
4-Ball Weld Load, N	ASTM D 2596	2930

### Health, Safety & Environment

Information is provided for products in the relevant Safety Data Sheet (SDS). This provides guidance on potential hazards, precautions and first-aid measures, together with environmental effects and disposal of used products. SDS's are available upon request through your sales contract office. This product should not be used for purposes other than its intended use.