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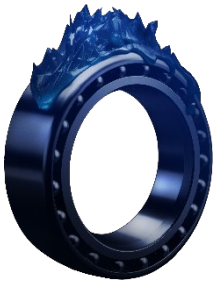
TECHNICAL PRODUCT SHEET

INNOVA™ POLY NLGI 2



DESCRIPTION

INNOVA™ POLY is a premium-quality polyurea-based grease formulated to deliver exceptional performance under demanding conditions. Its advanced thickener system provides superior thermal stability, oxidation resistance, and long service life, making it ideal for high-temperature and extended lubrication intervals.

APPLICATIONS

Designed for use in electric motor bearings, high-speed rolling bearings, and automotive components, INNOVA™ POLY is particularly suited for applications requiring low noise, high-temperature resistance, and excellent mechanical stability. It is also recommended for industrial machinery operating under severe conditions where conventional greases fail.

SPECIFICATIONS

NLGI 2	DIN51825 KP2P-30	ISO 6743/9 L-X-CEEB2

PROPERTIES

INNOVA™ POLY is formulated to provide excellent mechanical stability and resistance to oxidation. It maintains its consistency under high shear conditions and offers reliable lubrication across a wide temperature range. Its formulation ensures compatibility with most bearing materials and delivers consistent performance even in demanding environments.

BENEFITS

INNOVA™ POLY offers extended bearing life thanks to its superior thermal and oxidative stability, which minimizes degradation over time. Its ability to withstand high temperatures makes it ideal for applications where conventional greases fail. INNOVA™ POLY also delivers low noise characteristics, making it perfect for electric motors and precision bearings, while reducing maintenance costs through longer relubrication intervals and improved reliability.

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PHYSICAL-CHEMICAL CHARACTERISTICS

INNOVA™ POLY	METHOD	
NLGI Grade		**2**
Color/Appearance	Visual	Light Brown
Texture	Visual	Smooth
Thickener type		Polyurea
Base Oil		Blend of mineral oils
Base oil viscosity @40°C, mm^2/s	ASTM D445	150
Dropping point, °C	ASTM D2265	280
Worked penetration, 10^{-1}mm @25 °C - 60 strokes	ASTM D 217	265-295
EP properties weld point, kgf	ASTM D 2596	400
Wear preventive characteristics Scar diameter, mm	ASTM D 2266	0.45
Antirust properties	ASTM D 1743	Pass
Copper strip corrosion	ASTM D 130	1b
Operating temperatures, °C		-30/+160 (+200 short peaks)

The above mentioned characteristics represent mean values.

STORAGE

All packages must be stored in covered, well-ventilated areas. If outdoor storage cannot be avoided, barrels must be placed horizontally to prevent water ingress and to protect labels and markings from damage. Products must not be stored at temperatures above 60 °C and must not be exposed to direct sunlight, freezing conditions, or extreme temperature fluctuations.

HEALTH & SAFETY

This product is not considered to pose significant risks to health or safety when used as intended and in accordance with recommended personal hygiene practices. It must not be applied for purposes other than those for which it has been formulated. For detailed guidance on safe handling and use, refer to the Safety Data Sheet (SDS).

USED OILS

Used lubricants must be collected at designated collection points to prevent environmental contamination. They must not be mixed with solvents, brake fluids, or antifreeze.