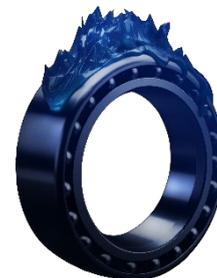


TECHNICAL PRODUCT SHEET

INNOVA™ SYN/LT NLGI 1



DESCRIPTION

INNOVA™ SYN/LT is a premium, special lithium thickened grease designed to withstand low temperatures, containing a proprietary additive package for loads, corrosion, oxidation, water resistance and elastomers compatibility control.

APPLICATIONS

INNOVA™ SYN/LT is intended for demanding low temperature applications, such as machine tool spindles, control equipment, small electric motors, robots and equipment in extremely low ambient temperatures. It is particularly suitable for pins, small gears and mechanical sliding parts associated with the automotive industry both for domestic and commercial vehicles. It is compatible with most elastomers used in the assembly of calipers and mechanical assembly.

SPECIFICATIONS

NLGI 1 DIN51825 KPHC1G-50 ISO 6743/9 L-X-EBHB1

PROPERTIES

INNOVA™ SYN/LT features an NLGI 1, low BOV synthetic formulation combined with a proprietary additive package for superior performance. It offers good compatibility with most elastomer types, ensuring reliability in diverse applications and centralized lubrication systems.

BENEFITS

INNOVA™ SYN/LT is intended for high-speed applications in low-temperature environments, providing complete protection against loads, corrosion, oxidation, and rust. Its advanced formulation prolongs equipment operability and ensures reliable performance under demanding conditions.



TECHNICAL PRODUCT SHEET

PHYSICAL-CHEMICAL CHARACTERISTICS

INNOVA™ SYN/LT	METHOD	
NLGI Grade		1
Color/Appearance	Visual	Beige
Texture	Visual	Smooth
Thickener type		Lithium
Base Oil		Synthetic oil
Base oil viscosity @40°C, mm ² /s	ASTM D445	46
Dropping point, °C	ASTM D2265	>140
Worked penetration, 10 ⁻¹ mm @25 °C - 60 strokes	ASTM D 217	310-340
Copper strip corrosion	ASTM D 130	1b
Dynamic corrosion resistance (EMCOR)	IP 220	0/0
DN factor		750,000
Operating temperatures, °C		-50/+100

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.

