



# GREASE INNOVA SYN/LT 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 the domestic and commercial vehicles. It is compatible with most elastomers used in the assembly of calipers and mechanical assembly.

## CHARACTERISTICS-BENEFITS

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NLGI 1, low BOV synthetic formulation.	Intended and ideal for high-speed applications in low-temp environments.
Proprietary additive package.	Complete protection in applications subjected to loads, corrosion, oxidation, rust.
Good compatibility with most elastomer types.	Prolongs equipment operation-ability.

## PHYSICAL-CHEMICAL CHARACTERISTICS

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

The abovementioned characteristics represent mean values.

## SPECIFICATIONS

DIN 51825 KPHC1G-50; ISO 6743/9 L-X-EBHB1