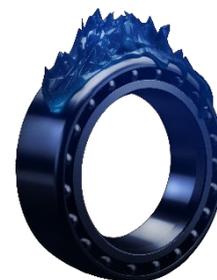


TECHNICAL PRODUCT SHEET

# INNOVA™ SYNCOMPLEX/TF NLGI 2



## DESCRIPTION

INNOVA™ SYNCOMPLEX/TF is a premium quality lithium complex thickened grease for plain and anti-friction bearing, designed to withstand high temperatures over extended periods without leaving dry residues associated with conventional types of thickeners used in high temperature greases. The addition of EP additives, as well as PTFE, reduces friction and self-generating temperatures.

## APPLICATIONS

INNOVA™ SYNCOMPLEX/TF is ideal for drum and high temperature disk brake wheel bearings, fifth wheels, chassis components, U-joints, kingpins, clutch bearings, ball and roller bearings and conveyors in automotive applications. Also suitable for elevated temperature industrial applications where lithium, lithium complex and extreme pressure synthetic greases would be normally specified. Nonetheless, it also provides excellent lubrication at sub-zero and ambient temperatures making this lubricant extremely versatile in its applications.

## SPECIFICATIONS

NLGI 2      DIN51825 KPF2N-25      ISO 6743/9 L-X-BDHB2

## PROPERTIES

INNOVA™ SYNCOMPLEX/TF delivers excellent corrosion resistance and provides long-term lubrication at high temperatures. Its formulation, enhanced with antiwear additives and Teflon®, ensures superior protection and durability under demanding operating conditions.

## BENEFITS

INNOVA™ SYNCOMPLEX/TF protects components in humid operating environments, extends lubrication intervals, and delivers excellent anti-wear performance to prolong component life. Its formulation ensures reliable protection and efficiency under demanding conditions.



## TECHNICAL PRODUCT SHEET

### PHYSICAL-CHEMICAL CHARACTERISTICS

INNOVA™ SYNCOMPLEX/TF	METHOD	
<b>NLGI Grade</b>		<b>2</b>
Color/Appearance	Visual	Red
Texture	Visual	Smooth
Thickener type		Lithium complex
Base Oil		Blend of synthetic oils
Solid lubricant		PTFE
Base oil viscosity @40°C, mm <sup>2</sup> /s	ASTM D445	220
Dropping point, °C	ASTM D2265	>230
Worked penetration, 10 <sup>-1</sup> mm @25 °C	ASTM D 217	265-295
- 60 strokes		
Shell 4-ball		
- Weld load, kg	IP239	355
- Load wear index	(ASTM D 2596)	68
Copper strip corrosion	ASTM D 130	1b
Dynamic corrosion resistance (EMCOR)	IP 220	0/0
DN factor		500,000
Operating temperatures, °C		-25/+170

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.

