

# High Speed PTFE Grease TC 125



## Product description

TC 125 is a soft lubricant containing PTFE for the effective lubrication and protection of ball, roller and plain bearings, slides and bushes particularly those operating under extreme temperature conditions. Provides outstanding high speed performance for most of the applications. PTFE has an extremely low coefficient of friction which reduces stick – slip and start up ensuring a smooth controlled movement.

## Applications

Lubrication of plain and roller bearings with low bearing play & under high speeds. Recommended for plastic to plastic & metal to plastic lubrication.

## Advantages

Excellent shear and mechanical stability • Compatible with elastomers • Resistant to ageing and oxidation • Good resistant to water & other chemicals • Good high and low temperature performance • High drop point • Excellent EP performance

## Handling instructions

The grease is to be applied by brush, or grease gun. Fill only required quantity of grease. Refer MSDS for more information about safe use, physical & health hazards.

## Technical Properties

Parameter	Value	Unit	Standard
Appearance #	Smooth off white grease		
Base oil	PAO		
Viscosity @ 40 °C	32	cSt	ASTM D 445
Thickener	Lithium complex		
Penetration	265 - 295	mm/10	ASTM D 217
Solid lubricant	PTFE		
Drop point	> 260	°C	ASTM D 566
Service temperature	- 40 to + 180	°C	
Four ball weld load	315	Kg	ASTM D 2596
Four ball wear scar, dia	0.60	mm	ASTM D 2266
Copper corrosion	1 b	Rating	ASTM D 4048

# Minor colour variation is possible but product quality will remain same

Limited warranty: The information & data contained in this catalogue is accurate to the best of our knowledge or is obtained from sources, tests or experience believed by us to be accurate. User is responsible for determining whether this is fit for a particular application. We make no representation of any kind & data mentioned herein is offered without any warranty. TriboCor's sole warranty is that the product will meet the specs at the time of shipment. All data is subject of change without prior notice.

V0920

**TriboCor Technologies Private Limited,**

57/3, Opp NKCA Pharmacy, Srirampura, Mysore - 570008, India.  
Customer Care : 0821 2361110, +91 934 258 9006, +91 984 409 2722  
E-mail : tribocor@gmail.com Web : www.tribocor.co.in

**TriboCor**<sup>®</sup>  
**High Performance Aerosol**