

High Speed Bearing Grease TC 110

Product description

TC 110 is based on PAO and Lithium soap for the lubrication of high speed plain and roller bearings. It provides a superior lubrication and offers complete protection against wear. This is highly suitable for bearings operating under speed factors of 1 million.

Applications

This is especially suitable for high speed plain and roller bearings, such as spindles in machine tools & textile machines, CNC machines, and electric motors etc.

Advantages

Superior oxidation stability • Low noise performance • Low starting resistance • Resistant to ageing and oxidation • Good resistant to water & other chemicals • Good high and low temperature performance • Extended lubrication intervals.

Handling instructions

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

Technical Properties

Parameter	Value	Unit	Standard
Appearance	Smooth grease		
Base	PAO & Lithium soap		
Base oil viscosity/ 40°C	32	cSt	ASTM D 445
Solid lubricant	PTFE		
Colour#	White to off white		
Penetration	265 - 295	mm/10	ASTM D 217
Drop point	> 180	°C	ASTM D 566
Service temp	- 30 to + 140	°C	
Water washout, loss	< 3	%	ASTM D 1264
Speed factor	10,00,000	ndm	
Four ball weld load	200	kg	ASTM D 2596
Four ball weld scar, dia	0.60	mm	ASTM D 2266
Corrosion test **	0	Rating	IP 220

** Emcor test

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.

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