

PROGUARD SY BX

High-Speed Barium Synthetic Grease

Product Description:

PROGUARD SY BX is a high-speed grease with a good pressure absorption capacity. It consists of a combination of ester oil / synthetic hydrocarbon oil / mineral oil and barium complex soap.

Properties:

- Good resistance to water and ambient media
- Good corrosion protection
- For high speeds
- Good pressure absorption capacity
- Good wear protection
- Service temperature range -40°C / 140°C

Applications:

PROGUARD SY BX is especially suitable for high-speed plain and rolling bearings, such as spindle bearings in machine tools and textile machines, threaded spindles, ball screws subject to high loads, running gear bearings. It is also used as long-term greases for bearings in cableways and precision engineering applications, it is suitable for the lubrication of tooth flanks in precision gears.

Health, Safety and Environment:

- Normal safety precautions (gloves and safety goggles) Should be employed
- Avoid eye and prolonged skin contact.
- Wash thoroughly after handling material.
- Don't discharge used oil in drains, dispose to an authorized used oil collection point

Storage Conditions:

- Should be stored sealed under normal conditions.
- Shelf life in original package and at room temperature is 3 years

Packing Available in:

- 1 Kg -15 Kg - 180 Kg

Physical and chemical conditions:

PROGUARD SY BX	Method	Value
Appearance	Visual	Smooth and Homogeneous
color	Visual	Beige
Base Oil	-	Ester - SHC - Min
Thickener	-	Barium Complex
Base Oil Viscosity@ 40°C	ASTM D 445	15
Worked Penetration (1/10 mm)	ASTM D 217	265 – 295
NLGI No	-	2
Dropping Point, °C	ASTM D 2265	>230
Four Ball AW, mm	ASTM D 2266	Max. 0.5
Four Ball EP, Kg	ASTM D 2596	275
Speed Factor, mm/min	ASTM D 6138	1.000.000
Operating Temperature °C	-	-30 to 150
Water Washout, Weight, %	ASTM D 1264	1.72
Oil Separation, Weight, %	ASTM D 6184	1,9