

# PROGUARD SY PU

## Long Life Synthetic Grease

### Product Description:

**PROGUARD SY PU** It is a fully synthetic lubricating grease with polyurea thickener and nano technology additive packages. It is designed for long-life and high-performance lubrication in bearings operating under extreme thermal stress.

### Properties:

- Suitable for all bearing equipment operating under extreme thermal stress,
- Helps reduce lubricant consumption and increase bearing protection where water wash downs are common.
- Helps reduce rust and corrosion extends equipment life.
- Helps reduce bearing wear under heavy loads.
- Helps provide protection under harsh conditions and allows for extended relubrication or maintenance intervals.

### Applications:

- Ideal for special bearing applications requiring high performance and long life, used in the lubrication of fan, electric motors, air conditioners and generator system bearings.
- It is used in lubrication of automobile belt tension system bearings.
- high temperature bearings such as in annealing, drying furnaces, conveyors, cooling beds, manipulators, rotary kilns with temperature rang -30° C to 170° C.
- Industries include steel, mining, heat treatment plants, bakeries, cement, refineries, casting, chemical plants, auto ancillaries and many others.

### 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:

- 15 Kg
- 180 Kg

### Physical and chemical conditions:

PROGUARD SY PU	Method	Value
Appearance	Visual	Smooth and Homogeneous
color	Visual	Beige
Base Oil	-	PAO
Thickener	-	Polyurea
Base Oil Viscosity@ 40°C	ASTM D 445	220
Worked Penetration (1/10 mm)	ASTM D 217	265 - 295
NLGI No	-	2
Dropping Point, °C	ASTM D 2265	270
Four Ball AW, mm	ASTM D 2266	Max. 0.5
Emcor Salt Water	ASTM D 6138	0/0
Operating Temperature °C	-	-30 to 180
Water Washout, Weight, %	ASTM D 1264	Max. 2