

# SG – 410-- SYNTHETIC GREASE

(High R P M)

## INTRODUCTION :

**SG 410 Synthetic Grease** is high performance Grease which combine synthetic base fluid with barium complex soap thickener. This thickener system provides a higher dropping point, excellent resistance to water wash, and tenacious combined structural stability. The unique physical properties of the synthetic base oil combined with selective additives, provides outstanding protection against wear, rust , corrosion and high temperature degradation.

## Application :

SG – 410 has been formulated primarily for lubrication earlier of ultra high speed rolling element bearings.

Generally, such high-speed bearings require a firm grease formulated with light viscosity oil having good anti-wear properties for long bearing life. It is important that the initial grease pack is about one third full to allow the Grease to be pushed away from the ball/roller track during normal operation.

## Advantages :

- Operating range – 50<sup>0</sup>C to 180<sup>0</sup>
- Excellent resistance to rust, erosion and oxidation.
- Outstanding structural stability
- Excellent protection against wear
- Unequaled high speed bearing lubrication
- Power saving capacity
- Extended re-lubrication intervals
- Low volatility

## Characteristics :-

NLGI Grade	2
Soap Type	Barium Complex
Penetration	265-295 ASTM D127
Erosion prevention	
Rust test	Pass ASTM 2266