



## Tarmond Barium

### BARIUM COMPLEX GREASES

#### Product Description:

**Tarmond Barium** is a barium complex grease formulated with synthetic ester and PAO base oils. It maintains strong resistance to wear, corrosion, and chemical attack even under high-pressure conditions. Developed for shafts, needle bearings, and gear bearings, it preserves equipment stability and supports reliable operation across a wide temperature range from -30 °C to 150 °C.

#### Applications:

It can be used in spindle bearings and high-speed plain bearings in machine tools, gear shafts, ropeway bearings, and needle roller bearings. It is also used in conical spindle bearings in milling machines. This grease can be used in general applications operating between -30 °C and 150 °C.

#### Benefits:

- ❖ Excellent resistance to wear
- ❖ Highly resistant to chemicals
- ❖ Provides excellent surface protection against rust and corrosion
- ❖ Excellent performance under high pressures
- ❖ Long service life
- ❖ Helps minimize repair costs

#### Technical Data:

Tarmond Barium	Test Method	
NLGI	-	2
Colour	-	Beige
Base Oil Type, Mineral/Synthetic	-	Ester – SHC - Mineral
Base Oil Viscosity, mm <sup>2</sup> /sn	ASTM D 445	15
Penetration (60d), mm/10	ASTM D 217	280
Dropping Point, °C	ASTM D 2265	> 230
4 Ball AW, mm	ASTM D 2266	< 0.5
4 Ball Welding, kg	ASTM D 2596	> 250
Water Washout, % Weight	ASTM D 1264	< 2
Oil Separation, % Weight	ASTM D 6184	< 2
Speed Factor, mm/min	-	1.000.000
Operating Temperature, °C	-	-30 / 150

Specified values are our typical characteristics.