

BENTONE 2 HIGH TEMP

Description

Premium quality, high temperature, non-soap modified clay grease.

Bentone 2 is manufactured from modified inorganic clay. This smooth textured grease has outstanding heat resistance since its thickener will not melt. It has no true drop point and can be referred to as non-melt. It is suitable for use in all anti-friction and plain bearings

Benefits

- Good mechanical stability
- Good oxidation stability
- Good oil separation
- Good corrosion protection
- Wide Temperature range

Application

Bentone 2 is recommended for use in high temperature, slow moving industrial applications.

Typical Characteristics

Colour	Brown
Appearance	Short Fibre
NLGI Classification	2
Soap Base	Non-soap
Un-worked Penetration (IP50)	265-295
Worked Penetration (IP50)	265-295
Operating temperature °C	-10 to 160
Drop Point °C (IP132)	Above 260
Water Washout @38°C	5% max
Oil Separation	2% max

Technical Information

Lubricating greases may be defined as thickened lubricating fluids. Common thickening agents are metallic soaps. These are usually calcium, sodium, aluminium, barium and lithium. The consistency of grease is determined by penetration. This measurement is quoted according to the NLGI and ranges from 000 (450-500), which is semi fluid to 5 (130-160), which is very stiff.

Greases do not change from a solid to a liquid at a precise temperature but gradually soften. The temperature at which grease will flow is known as its drop point.