



Bentone Grease

Technical Data Sheet (TDS)

TNZ-Bentone Grease

Tajhiz Niroo Zangan is a public stock company and manufacturer of various lubrication products, used in automotive, industrial and marine equipment, including gasoline and diesel engine oils, gear oils, hydraulic fluids, compressor oils, locomotive oils, greases, heavy-duty marine diesel engine oils, trunk piston oils, cylinder oils, antifreeze, ...



BENTONE GREASE



Bentone Grease

TNZ-Bentone Grease is a bentonite clay thickened lubricating grease based on mineral base oil. It contains antioxidants, corrosion inhibitors, extreme pressure and anti-wear additives. This high-performance product is suitable for both industrial and automotive applications, as well as lubrication of flat and rotating bearings at high temperatures, up to 200 °C.

Advantages

- Suitable for applications within a very wide temperature range, especially at elevated temperatures
- Good corrosion protection, which is important in wet and corrosive environments
- Excellent high-load carrying capacity

Bentone Grease

Specification	Typical Value	Test Method
Colour	Brown	Visual
NLGI Consistency (National Lubricating Grease Institute)	2	ASTM D 217
Approximate Density @ 20 °C, kg/m ³	920	IPPM-CS/03
Base Oil Viscosity @ 40 °C, cSt	475	ISO 12058
Base Oil Viscosity @ 100 °C, cSt	31	ISO 12058
Dropping Point	not applicable	IP 396
4-Ball Weld Load	3200 N	DIN 51350-4
Mechanical Stability: Penetration 60 Strokes Penetration 100.000 Strokes	265 - 295 +55	ISO 2137 ISO 2137
Corrosion Protection: Copper Corrosion 24 hrs. @ 100 °C	1b	ASTM D 4048
Oil Separation: Separation 168 hrs. @ 40 °C, %	3	IP 121
Oxidation Stability 100 hrs. @ 100 °C	50 kPa	ASTM D 942
Flow Pressure @ -35 °C, Max	1400 hPa	DIN 51805