



Royal Nova Grease

High Temperature Non-Melt Bentone Grease

Royal Nova Grease is a premium high temperature, multi-purpose grease fortified with premium additives to provide excellent lubrication and high temperature properties. The non-melting, inorganic bentonite clay thickener, supported by additives provides excellent high temperature performance, and a wider operating temperature range than most soap based greases. High quality, fully refined base stocks provide natural oxidation stability. Specialized additives provide a chemical barrier protecting lubricated parts against rust and corrosion.

Product Features:

- Non-melt high temperature grease
- Excellent thermal and rust protection
- Withstand heavy loads and protects from wear
- Excellent Water Resistance

Customer Benefits:

- Does not melt and resists chemical degradation at high temperatures and thus protects equipment under severe, high temperature operating conditions
- The specialized additives present in this grease protects equipment from chemical oxidation, rust and corrosion; providing long service life
- Delivers effective wear protection for bearings, ball joints, drive shafts and other parts subjected to high pressure and shock loading
- It effectively provides protection from water washout under all-weather situations

Applications:

- **Royal Nova Grease** has an operating temperature range of from 0°F to over 350°F, allowing it to perform in the most extreme duty applications. **Royal Nova Grease** is recommended for medium to slow bearing speeds at normal temperatures and medium bearing speeds at warm to hot temperatures in applications such as kiln car, wheel bearings, roller bearings, oven door hinges, pellet mill bearings, slag bed shaker bearings, hot conveyor bearings and steam control valves as well as many other industrial, construction, automotive, and off-highway applications.



Typical Properties

Royal Non-Melt Bentone Grease

Product Code	9450RA	Test Method
Color	Red	Visual
Texture	Smooth, Tacky	Visual
NLGI Grade	2	ASTM D217
Worked Penetration	265-295	ASTM D217
Drop Point, °F	Non-melt	ASTM D2265
Viscosity @ 40 °C, cSt	224	ASTM D445
Viscosity Index	>80	ASTM D 2270
Type of thickener	Bentonite	-
Oxidation Stability , PSI drop	3.0 max	ASTM D 942
Water Washout @ 175 °F, %	5 max.	ASTM D 1264
Water Spray Off , %	7.9	ASTM D 4049
Oil Separation, %	1.2	ASTM D 1742
Four Ball EP Test, kg	315	ASTM D 2596
Timken OK Load,	55	ASTM D 2509
Rat Trap Test	Pass	-

These properties are typical of the current production. Slight variation in color and appearance are possible from batch to batch production, however, this does not affect product end use performance. The information above is subject to change without notice.

Health and Safety:

This product is unlikely to have any adverse health implications or safety hazards when used for its intended application. Avoid contact with skin, use resistant gloves when handling used oil. If skin comes in contact wash immediately with soap and water. For complete information on safe handling and product characteristics please refer to the Material Safety Data Sheet (MSDS) found on our website. www.royalmfg.com or call (918)-584-2671.



35 Lb. Pails



120 Lb. Kegs



400 Lb. Drums



2,000 Lb. Totes



Bulk