



ATLANTIC BENTONITE GREASE

(HIGH TEMPERATURE BENTONE CLAY GREASE)

DESCRIPTION & APPLICATIONS

ATLANTIC BENTONITE GREASE is a high-quality, extreme-pressure (EP), clay-thickened grease developed for the lubrication of industrial equipment operating under heavy loads and at high temperatures. It is particularly recommended for medium-to-large, low-speed bearings operating at very high temperatures where conventional soap-based greases typically fail to provide satisfactory lubrication.

ATLANTIC BENTONITE GREASE is manufactured with high-quality, heavy paraffinic base oils and a non-soap, bentonite clay thickener. It is fortified with extreme-pressure and Anti wear additives to provide outstanding protection for bearings and moving parts exposed to heavy loads and high operating temperatures. It retains its consistency at high temperatures and has good water washout resistance and good storage stability.

PERFORMANCE FEATURES AND BENEFITS

- Exceptional high-temperature stability. Unlike conventional soap-based greases, bentonite grease is non-melting, as the clay structure does not break down with heat.
- Excellent resistance to oxidation and chemical degradation.
- Bentonite grease provides good sealing properties and forms a durable protective film on metal surfaces, helping to guard against contaminants, dust, and moisture.
- Shows good water resistance.

TYPICAL CHARACTERISTICS

PRODUCT CODE:	AGL-G-250015
Thickener Type	Bentonite
NLGI Classification	2
Texture	Smooth
Color, Visual	Light Brown
Dropping Point °C, ASTM D 566	Infusible
Worked Penetration @25°C 60 strokes, ASTM D 217	265-295
Wheel Bearing leakage after 6hrs @ 110°C gms, ASTM D 1263	<2
Water washout resistance %wt, ASTM D 1264	<5
Copper Strip Corrosion for 24hrs @100°C, ASTM D 4048	1b
Four Ball Weld Load,kg, ASTM D 2596	400kg

Packing: 400g, 500g, 1kg, 3.5kg, 5kg, 15kg, 18kg, 180kg

Note: These characteristics are typical of current production. While future production will conform to Atlantic's specification, variations in these characteristics may occur.

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* supersedes all previous versions