



## ATLANTIC GREASE

### PRODUCT DATA

#### ATLANTIC LITHIUM COMPLEX GREASE- HIGH TEMPERATURE- LITHIUM COMPLEX GREASE

##### DESCRIPTION & APPLICATIONS

**ATLANTIC LITHIUM COMPLEX GREASEs** – 1/ 2/ 3 is a series of high quality, lithium complex grease having high water tolerance and mechanical stability, combined with excellent high temperature performance. These are ideally suited for application by centralized grease systems due to good resistance to oil separation under pressure mechanical stability.

**ATLANTIC LITHIUM COMPLEX GREASEs** – 1/ 2/ 3 provide excellent performance in anti-friction bearings and much longer life compared to Sodium or Lithium soap base greases. It is recommended for wheel bearings, earth moving equipment, gear couplings, electric motors and general industrial machinery. These greases are widely used in Steel Plants, Mining and Engineering Industry

##### PRODUCT BENEFITS

- Long service life.
- Good shear –stability and resistance to vibration
- High temperature grease
- Low friction torque.
- Good pumpability.
- Resistant to wash –off by water

##### TYPICAL TECHNICAL PROPERTIES

Product code	12806G	12807G	12808G
Thickener Type	Lithium	Lithium	Lithium
NLGI Classification	1	2	3
Texture	Smooth	Smooth	Smooth
Dropping Point °C, ASTM D 566	270	270	270
Worked Penetration @25°C 60 strokes, ASTM D 217	310/340	265/295	220/250
Wheel Bearing leakage after 6hrs @ 110°C gms, ASTM D 1263	<2	<2	<2
Water washout resistance %wt, ASTM D 1264	< 5	< 5	< 5
Copper Strip Corrosion for 24hrs @100°C, ASTM D 4048	-ve	-ve	-ve

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\* supersedes all previous versions

#### ATLANTIC BENTONITE GREASE - HIGH TEMPERATURE BENTONE CLAY GREASE

##### DESCRIPTION & APPLICATIONS

**ATLANTIC BENTONITE GREASE** is High temperature bentone clay grease for the lubrication of slow moving mechanisms subjected to very high temperatures. It allows peak temperatures up to 220°C, provided that the period of operation at this temperature is limited and that the equipment is re-greased frequently.

**ATLANTIC BENTONITE GREASE** offers the possibility of working in a corrosive atmosphere due to its resistance to mild alkaline and acidic solutions.

##### PRODUCT BENEFITS

- Excellent resistance to high temperatures
- Very good mechanical stability
- Very good anti-wear properties
- Resistant to mild alkaline and acidic solutions.
- Good pumpability.
- Lead free- Environmentally safe

##### RECOMMENDATIONS / SPECIFICATIONS

ISO 6743-9: L-XAEEA 2/3, DIN 51502: M2/3P –15

##### TYPICAL TECHNICAL PROPERTIES

Product code	12809G
Thickener Type	Bentone
NLGI Classification	2/3
Texture	Smooth/ Buttery
Color, Visual	Brown
Dropping Point °C, ASTM D 566	infusible
Worked Penetration @25°C 60 strokes, ASTM D 217	250 - 280
Operating temperature range, °C	-15 to 160
Kinematic viscosity of the base oil at 40°C, mm <sup>2</sup> /s, ASTM D 445	500

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



Packing : 200g | 250g | 400g | 500g | 1kg | 3kg | 15kg | 20kg | 45kg | 180kg

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**Health and Safety:** This lubricant, when used in accordance with our recommendations and for the application for which it is intended, does not constitute any special hazard. A safety data file conforming to the requirements of current EC legislation is available from your local trade consultant.