

EMIRATES 1 GRAPHITE GREASE

(Lithium Base Grease)

DESCRIPTION & APPLICATIONS

EMIRATES 1 GRAPHITE GREASES are recommended for general lubrication under comparatively high load and low relative displacement of inter-acting surfaces. These greases are recommended for leaf springs, hydraulic rams, plungers, slides, elevator cables, pantograph pans, steel wire ropes and certain anti –seize purpose. These greases can be used at higher temperatures of up to 180°C for short duration or with frequent replacement. Continuous operating temperature range for these greases: -20 to 130°C.

PRODUCT BENEFITS

- **Long service life.**
- **Good shear –stability and resistance to vibration.**
- **Low friction torque.**
- **Good pump ability.**
- **Resistant to wash –off by water**

TYPICAL TECHNICAL PROPERTIES

Thickener Type	Lithium	Lithium
NLGI Classification	2	3
Texture	Smooth	Smooth
Color, Visual	Dark grey	Dark grey
Dropping Point °C, ASTM D 566	190	190
Worked Penetration @25°C 60 strokes, ASTM D 217	265/295	220/250
Wheel Bearing leakage after 6hrs @ 110°C gms, ASTM D 1263	<2	<2
Water washout resistance %wt, ASTM D 1264	< 5	< 5
Copper Strip Corrosion for 24hrs @100°C, ASTM D 4048	-ve	-ve

ATLANTIC MOLY GREASE

(Lithium Base Grease)

DESCRIPTION & APPLICATIONS

EMIRATES 1 MOLY GREASE is multipurpose extreme pressure lithium hydroxy stearate grease incorporating molybdenum disulphide. They are recommended for use in vehicle applications where a grease of this type is specified by the vehicle manufacturers. These greases are recommended for leaf springs, hydraulic rams, plungers, slides, elevator cables, pantograph pans, steel wire ropes and certain anti –seize purpose. These greases can be used at higher temperatures of up to 180°C for short duration or with frequent replacement. Continuous operating temperature range for these greases: -20 to 130°C

PRODUCT BENEFITS

- **Long service life.**
- **Low friction torque**
- **Resistant to wash –off by water**
- **Good pump ability**
- **Good shear –stability and resistance to vibration.**

TYPICAL TECHNICAL PROPERTIES

Thickener Type	Lithium	Lithium
NLGI Classification	2	3
Texture	Smooth	Smooth
Color, Visual	Dark grey	Dark grey
Dropping Point °C, ASTM D 566	190	190
Worked Penetration @25°C 60 strokes, ASTM D 217	265/295	220/250
Wheel Bearing leakage after 6hrs @ 110°C gms, ASTM D 1263	<2	<2
Water washout resistance %wt, ASTM D 1264	< 5	< 5
Copper Strip Corrosion for 24hrs @100°C, ASTM D 4048	-ve	-ve

Note: The information on this Product Data Sheet is believed to be accurate and is typical of current production. Specifications are subject to change without notice. For additional queries, please contact Emirates 1 Technical Service Department.

Health and Safety: Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS). Safety Data Sheets available on request.

Available Pack: 400 g/500 g/1 kg/15 kg/180 kg