



DURALIFE® MOLY HI-TEMP NON-MELT BENTONE GREASE MoBG 2

DURALIFE® MOLY HI-TEMP NON-MELT BENTONE GREASE MoBG 2 is a premium high temperature, multi-purpose grease fortified with solid lubricant additives. The non-melting, inorganic bentonite clay thickener gives this grease 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. Its specialized additives provide a chemical barrier protecting lubricated parts against rust and corrosion. The addition of the extreme pressure solid lubricant additives molybdenum disulfide and graphite provide a mechanical barrier for excellent lubricity and protection from sliding wear and shock loads.

It has an operating temperature range from 0°F to over 350°F, allowing it to perform in extreme duty applications.

APPLICATIONS :

DURALIFE® MOLY HI-TEMP NON-MELT BENTONE GREASE MoBG 2 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.

BENEFITS :

- Non-melt high temperature grease
- Excellent thermal and rust protection
- Protects from wear
- Excellent water resistance
- Does not melt and resists chemical degradation at high temperatures and thus protects equipment under severe high temperature operating conditions
- Stays in place in extreme environment to protect your components
- The specialized additives present in grease protect equipment from chemical oxidation, rust and corrosion resistance thus providing long service life
- Provides 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 lubrication

TYPICAL CHARACTERISTICS :

Product Specifications	Typical Results
	MoBG 2
NLGI Grade	2
Thickener Type	Bentonite
Color	Grayish Black
Viscosity, ASTM D 445	
@ 40 °C, cSt	145
@ 100°C, cSt	13
@ 100°F, SUS	800
Dropping point , °C (°F) , ASTM D 2265, min	Non-melt
Penetration @25 °C(77°F) , Worked (60 Strokes) ,0.1mm, ASTM D 217	265-295
Timken EP test, lbs, ASTM D 2509	60
Four Ball EP test, Load wear Index, Kg, ASTM D 2596	45
Four Ball EP test, Weld point, Kg, ASTM D 2596	315
Water Washout, % loss @ 175°F, ASTMD 1264	7
Evaporation Loss , 22hrs. @ 250°F, ASTM D 2595	0.9
Oil Separation, ASTM D 1742	1.0

The above characteristics are average values based on recent production .Minor variations which do not affect product performance are to be expected in normal manufacture .

WARNING!

Contains petroleum distillates. Contact with skin or eyes can cause irritation. Avoid prolonged contact. Wash thoroughly after handling. Avoid breathing vapors . If irritation , headache or nausea occurs , remove to fresh air . Get medical attention if symptoms persists. If swallowed , do not induce vomiting. Consult physician immediately.

Keep away from children

Do not store above 120°F. Keep away from heat or flame.

Reference MSDS Number 12113 database on our website at www.amtecol.com