



## DURALIFE® MOLY HI-TEMP BENTONE GREASES MoBG

**DURALIFE® MOLY HI-TEMP BENTONE GREASES MoBG** are premium high performance, extreme pressure (EP), multi-purpose greases fortified with solid lubricant additives. The bentonite clay thickener gives these greases operating under heavy loads and at extremely high temperatures. High quality, fully refined base stocks provide natural oxidation stability. The specialized additives provide a chemical barrier protecting lubricated parts against rust and corrosion. The addition of the extreme pressure solid lubricant additives molybdenum disulfide (3%wt MoS<sub>2</sub>) provide a mechanical barrier for outstanding lubricity and protection from sliding wear and shock loads.

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

### APPLICATIONS :

**DURALIFE® MOLY HI-TEMP BENTONE GREASES MoBG** are 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 :

- High temperature grease
- Excellent thermal and rust protection
- Protect from wear
- Excellent water resistance
- Resist chemical degradation at high temperatures and thus protect equipment under severe high temperature operating conditions
- Stay 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
- Provide effective wear protection for bearings, ball joints, drive shafts and other parts subjected to high pressure and shock loading
- They effectively provide protection from water washout under all-weather lubrication

### TYPICAL CHARACTERISTICS :

Product Specifications	Typical Results		
	MoBG 0	MoBG 1	MoBG 2
NLGI Grade	0	1	2
Thickener Type	Bentonite	Bentonite	Bentonite
Color	Grayish Black	Grayish Black	Grayish Black
Viscosity, ASTM D 445@ 40 °C, cSt	460	460	460
Dropping point , °C (°F) , ASTM D 2265, min	260(500)	Non-melt	Non-melt
Penetration @25 °C(77°F) , Worked (60 Strokes) ,0.1mm, ASTM D 217	355-385	310-340	265-295
Timken EP test, lbs, ASTM D 2509	45	60	60
Four Ball EP test, Load wear Index, Kg, ASTM D 2596	45	45	45
Four Ball EP test, Weld point, Kg, ASTM D 2596	315	315	315
Water Washout, % loss @ 175°F, ASTM D 1264	7	7	7
Evaporation Loss , 22hrs. @ 250°F, ASTM D 2595	0.9	0.9	0.9
Oil Separation, ASTM D 1742	1.0	1.0	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 persist. 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 SDS Number 12113 database on our website at [www.amtecol.com](http://www.amtecol.com)

OR scan the code for a direct link

