



## PRODUCT DATA SHEET

### MOLYFLEX EP GREASE

**Molyflex EP Grease** is a universal high-temperature grease for a wide range of industrial and commercial applications. It is specially formulated with molybdenum and graphite solids for outstanding protection under condition of "shock loading". Molyflex EP is formulated to provide outstanding protection during periods of shock loading, such as those encountered in the construction and mining industry. Molyflex EP exhibits the following performance advantages:

#### Benefits

- **Effective Rust & Corrosion Inhibitors:** Protects against corrosive elements such as moisture and salt
- **Waterproof:** Resists washout in highly adverse wet environments
- **Effective Polymers:** Stays put under high-impact conditions
- **Molybdenum Disulfide/Graphite:** Molyflex EP contains a synergistic blend of friction-reducing compounds which prevent wear and provide protection under conditions of "shock-loading"
- **Superior High Temperature Performance:** Will not break down under extreme heat conditions
- **Extreme Pressure & Anti-Wear Additives:** Provides metal surfaces with barrier lubrication to protect against component wear
- **Ease of Use:** Both products are available in NLGI 2 (summer) and NLGI 1 (winter) grades for increased pumpability

Test Method	Description	Ep1	Ep2
ASTM D 217	Cone Penetration at 77°F, Worked 60	310-340	265-295
ASTM D 2265	Dropping Point, °F	500	500
ASTM D 128	Thickener Type	Aluminum	Aluminum
Visual	Color	Grey	Grey
Visual	Appearance	Smooth/Tacky	Smooth/Tacky
ASTM D 445	Base Oil Viscosity, CST at 40°C	198-242	198-242
ASTM D 2509	Timken OK Load, LBS	60	60
ASTM D 2266	Four Ball Wear, MM	0.6	0.6
ASTM D 2596	Four Ball EP Weld PT KG	800	800
ASTM D 1743	Rust Prevention	Pass	Pass
ASTM D 130	Copper Corrosion	1 Max	1 Max
ASTM D 1264	Water Washout, % Loss	5 Max	5 Max
ASTM D 1742	Oil Separation, %	1	1
LT 37	Grease Mobility, G/Min at 0°F	1Min	1Min