



P.O. Box 754,  
Edinboro, PA 16412-0754  
sales@beaconlubricants.com

toll free: (877) 734-7334  
phone: (814) 734-7535  
fax: (814) 734-3460

technical data sheet

## Signalplex EP2 Moly

### Product Application:

Signalplex EP 2 Moly is a high quality industrial grade lithium complex extreme pressure grease fortified with molybdenum disulfide (MOSR) for an additional level of heavy stock load protection.

Signalplex EP2 Moly excels in all types of lubrication requirements of plain and anti-friction bearings, gears and couplings in all industrial applications.

### Package Size:

Drums, Kegs, Pails, Cases

### Performance Features:

- \*Provides excellent lubrication of computer numeric control (CNC) chucks and power chuck assemblies.
- \*Excellent shear;
- \*Excellent water resistance
- \*Superb high temperature resistance
- \*Oxidative stable

### Typical Characteristics:

NLGI Grade	2
Appearance, visual	Black
Thickener type	Lithium Complex
Molybdenum Disulfide 3% weight – Base fluid type	Mineral
Kinematic viscosity, ASTM D 445 cSt @ 100°C (range)	9-12
Cone penetration, ASTM D 217 Wx60, mm-1	289
Wx100,000, mm-1	314
Dropping point, °C, ASTM D 556	199
Oil separation, 30 h @ 100°C, %, FTMS	2.8
Apparent viscosity, -15°C, 10s, Pas, GOST 7163	320
Oxidation stability, 100 h @ 99°C & 758 kPa, pressure drop, kPa, ASTM 942	30
Corrosion Prevention, 48 @ 52°C, rating, ASTM D 1743	PASS
Water washout, 1h @ 38°C, %, ASTM D1264	1.25
Four ball EP, maximum non-seizure load PB, N, ASTM D2596	618

Visit us at – [www.beaconlubricants.com](http://www.beaconlubricants.com)