



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

Uniplex EP 2

Product Application:

Beacon Lubricants Uniplex EP 2 is a high performance, polyurea extended life industrial grease formulated for the lubrication of electric motor bearings. It is also an ideal choice for centralized systems and general purpose in extreme operating conditions. Beacon Uniplex EP 2 has many applications performing well in both high temperatures where it will not cake, harden or dry and low temperatures where it maintains good mobility. It can also be used as general purpose grease in construction, marine and mining equipment.

Package Size:

Drums, Kegs, Pails, Cases

Features and Advantages:

- *Exceeds NLGI GC/LB
- *Excellent water resistance
- *Superb high temperature resistance
- *Excellent extreme pressure properties
- *Outstanding grease life
- *Low-noise properties
- *Compatible with lithium complex greases

Typical Characteristics:

NLGI Grade	2
Color	Aqua
Base Oil Viscosity, ASTM D 445	
cSt @ 40°C	115
cSt @ 100°C	12.2
Viscosity Index, ASTM D 2270	95
Penetration, ASTM D217 worked, 60x, mm/10	285
Penetration Change after 100.000 strokes, ASTM D217, mm/10	40
Dropping Point, ASTM D 2265, °C (°F)	260
Oil separation test, ASTM D 1742, %	0.5
High Temperature Grease Life, ASTM D 3336, Hours @ 177°C	750+
4-Ball Wear Scar, ASTM D 2266, @ 40kg, 1200 rpm, 75°X, 1 hr, mm	0.41
Low Temperature Torque, ASTM D 1478, g-cm @ -29°C	
Starting	7500
Running	800
EMCOR Corrosion Performance, 10% Synthetic Sea Water ASTM D 6138 (Prepared As Per ASTM D 665B)	0,1 (No Rust)
Rust Protection, ASTM D 1743, Distilled Water	Pass
Copper Corrosion Resistance, ASTM D 4048	1A
Water Washout, ASTM D 1264, %	1.9