

## Product Description

D-A Black Gold EP is a multipurpose, extreme pressure, water resistant grease. Our grease is formulated with synthetic base stock, a polyurea thickener and our advanced additive technology which controls rust and oxidation. Black Gold EP is black in color and smooth and buttery in texture. It provides exceptional film strength and exhibits good adhesive properties. As a result, Black Gold EP is effective in providing superior wear protection in heavily loaded and shock load conditions. Designed as a roller bearing grease for use in wet operation conditions, Black Gold EP provides exceptional water wash-out resistance in conditions such as cascading water or actual bearing submergence. Excellent pumpability over a wide range of temperatures and relatively low pressure drop in piping. In addition, Black Gold EP performs well in high temperature applications.

Black Gold EP supports the performance requirements for general lubrication service in both automotive and industrial applications.

## Product Features and Benefits

Formulated with synthetic base stock, a polyurea thickener and advanced additive technology to control rust and oxidation. Black in color and smooth and buttery in texture to assure pumpability.

Exceptional film strength and good adhesive properties result in effectiveness in providing superior wear protection in heavily loaded and shock load conditions.

Designed as a roller bearing grease for use in wet operation conditions, it provides exceptional water wash-out resistance in conditions such as cascading water or actual bearing submergence.

Excellent pumpability over a wide range of temperatures and relatively low pressure drop in piping including high temperature applications.

### PRODUCT AT A GLANCE

- Multipurpose Polyurea EP grease
- Synthetic base stock
- Excellent pumpability in both high and low temperatures
- Black color
- Superior protection in heavily loaded and shock load conditions
- Excellent in wet working situations



**D-A Lubricant Company, Inc.**

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## Typical Applications

### INDUSTRIAL APPLICATIONS:

Antifriction bearings  
Low and high speed journal bearings  
Roller and needle bearings  
Shaker or classifier screen bearings  
General machinery lubrication

Conveyors and run-out rolls  
Exhaust fan bearings  
Crusher bearings  
Pump bearings

### AUTOMOTIVE APPLICATIONS:

All chassis points including ball joints  
and universal joints  
Wheel bearings  
Water pumps  
Fifth wheels  
Steering system bearings  
King pins

## Typical Properties

NLGI Grade	ASTM D217	#2
Soap Type	ASTM D128	MDI Polyurea
Color	Visual	Black
Penetration, Worked 60@77 F	ASTM D217	265 - 295
Dropping Point, °F (°C)	ASTM D2265	500 (260)
Oil Separation, wt %	ASTM D1742	N/A
Four Ball EP, Weld Load kgf	ASTM D2596	400, min.
Four Ball Wear, Scar Dia., mm	ASTM D2266	0.6 max.
Bearing Rust Test	ASTM D1743	N/A
Timken OK Load	ASTM D2509	60 ok
Water Wash-Out, % Loss	ASTM D1264	<1.0
Water Spray-Off, % Loss	ASTM D4049	39.8
Copper Corrosion Test	ASTM D4048	1B
Base Oil Viscosity @ 40 °C	ASTM D445	145
@ 100 °C	ASTM D445	14.4
U.S. Steel Mobility gm/min @ 40° F	USS LT-37	54
gm/min @ 20° F	USS LT-37	23
gm/min @ 0° F	USS LT-37	6
Viscosity Index	ASTM D445	97
Approx. Temperature Range, °F (°C)		-4 to 320 (-20 to 160)

D-A Part Number:	Drum - 400 lb	12982
	Quarter Drum - 120 lb	12986
	Pail - 35 lb	12989
	Cartridges - 43 lb	12987

*Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture. The information contained herein is subject to change without notice.*

To Order D-A Products, Call 1-800-OIL-LUBE (1-800-645-5823) or Fax orders to 765-482-3065

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