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Environmentally  
Friendly & Non-Toxic.  
Engineered & Made in the U.S.A.

## Product Specification Sheet

# General Purpose Black Winter Grade Lubricant / Sealant

**General Purpose Black Winter Grade** (GPBWG) is a combination lubricant and sealant with Molybdenum added for additional lubricity. This material is suitable for use in plug valves as a sealant and in ball and gate valves as a lubricant. GPBWG meets U. S. Government Specification **SAE-AMS-G 6032 "Grease, Plug Valve SAE-AMS-G-6032 "Grease, Plug Valve, Gasoline and Oil Resistant, NATO Code Number G-363, Metric"** with Molybdenum added. GPBWG is 100% synthetic. It is made of stable, non-reactive materials and is designed for use in valves controlling the flow of natural gas, crude oil, gasoline, jet fuel, lubricating oils or mixtures of these products. It is water resistant, has excellent "plating out" characteristics, is inhibited for H<sub>2</sub>S (<1000 ppm) and CO<sub>2</sub> (< 40%) applications and is resistant to organic acids and caustic solutions. General Purpose Black Winter Grade is a general service material. Although it contains an excellent antioxidant, **DO NOT** use this material in oxygen service. For Industrial use only.

### Packaging

• DUALCO General Purpose Black Winter Grade is available in sticks, cartridges and all sizes of bulk containers.

### Physical Properties

- NLGI Consistency Number 3-3.5
- Cone Penetration (ASTM D-217) 250-300
- Color: Black
- Odor: Mild to Neutral
- Service Life: Extended
- Texture: Tacky
- Consistency: N/A
- Dropping Point: ° F (ASTM D-566) None
- Oil Separation: % wt. Loss (ASTM D-1742) 5 max.
- Corrosion Inhibitor: Imidazoline Derivative Additive
- Rust Preventive Test (ASTM D-1743) Passed
- Diester Type (Extreme Pressure Resistant) Additive
- Contains Winter Grade Additive
- Oxidation Stability, (ASTM D-942) 2 @ 100 hours
- Temperature Range: -40° to 400° F
- Base Oils: Proprietary Synthetics

### Features

- 100% Synthetic Oils
- Contains Molybdenum disulfide (Moly)
- Water Insoluble and Washout Resistant
- High Metal Adhesion
- Excellent Corrosion Resistance
- Resistant to H<sub>2</sub>S (< 1000 ppm) and CO<sub>2</sub> (<40%)
- Molybdenum Additive for Increased lubricity, and will not build-up in the valve
- Suitable for use in all hydrocarbon services
- Contains no perfumes, dyes, or heavy metals
- Non-Toxic, Non-Hazardous – Environmentally Friendly

### Application Method

- Grease Gun or Automated Equipment (Air, Air/Hydraulic, Hydraulic or Manual)



Made in the USA

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