



## **PATROL LITHIUM EP2 GREASE**

*(Extreme pressure Lithium Base Grease)*

### **DESCRIPTION**

Patrol Lithium EP2 Grease is a high-performance, multi-purpose lubricating grease formulated with high-quality mineral base oils, lithium soap thickener, and extreme pressure (EP) additives. It provides excellent mechanical stability, water resistance, oxidation stability, and corrosion protection. Its NLGI Grade 2 consistency makes it suitable for a wide range of automotive and industrial applications.

### **APPLICATIONS**

- Automotive wheel bearings and chassis points
- Heavy-duty equipment and agricultural machinery
- Electric motors and general-purpose industrial bearings
- Applications requiring long-lasting lubrication under load
- General lubrication in moist or dusty environments

### **FEATURES & BENEFITS**

- Excellent load-carrying performance
- High mechanical stability and shear resistance
- Outstanding protection against rust and corrosion
- Water-resistant, suitable for wet conditions
- Reliable performance across a wide temperature range

### **RECOMMENDATIONS / SPECIFICATIONS**

MEETS OR EXCEEDS

DIN 51502 KP2K 20; ISO 6743-9 ISO-L-XCCHB 2; NLGI GC-LB; ASTM D4590 NLGI GC-LB; MIL-G-10924C



## TYPICAL TECHNICAL PROPERTIES

|  |            |             |
|--|------------|-------------|
| Thickener Type                                 | -          | Lithium     |
| NLGI Classification                            | ASTM 217   | 2           |
| Texture  | -          | Smooth      |
| Color, Visual                                  | -          | Amber       |
| Dropping Point °C                              | ASTM D2265 | >190        |
| Worked Penetration @25°C 60 strokes,           | ASTM D217  | 265/295     |
| Wheel Bearing leakage after 6hrs @ 110°C grams | ASTM D1263 | <2          |
| Water washout resistance @ 79°C %wt.           | ASTM D1264 | ≤5          |
| Copper Strip Corrosion for 24hrs @100°C        | ASTM D4048 | 1b          |
| Base Oil Viscosity @ 40°C, Cst                 | ASTM D445  | ~150        |
| Operating Temperature Range, °C                | -          | -20 to +140 |
| Four-ball Wear Scar, mm                        | ASTM D2266 | ≤0.6        |
| Four ball weld load Kg,                        | ASTM 2596  | ≥250        |

**Note:** These characteristics are typical of current production. While future production will conform to PATROL's specification, variations in these characteristics may occur.

**Health and Safety:** Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request. This product should not be used for purposes other than its intended use. If disposing off used product, take care to protect the environment.