

# PETRON PLUS™ FORMULA 7



## PETRON PLUS™ FORMULA 7 HI-TEMP, EXTREME-PRESSURE MULTI-PURPOSE POLYUREA GREASE

▶ **PART NO.'S: 00950, 00975, 52178, & 52179**

**TECHNICAL DATA SHEET**

Petron Plus™ Formula 7 High- Temp Multi-Purpose Polyurea Extreme Pressure Grease is the latest in Polyurea grease technology for Industrial applications. It can be applied with complete confidence in automotive and industrial plain and anti-friction bearings, in hot or cold environments, under wet or dry conditions, and with light or heavy loads.

Because of its wide range of application possibilities, coupled with an ashless organic thickener and special extreme pressure additives system, Petron Plus Formula 7 High- Temp Multi-Purpose E.P. Polyurea Grease is truly a environmentally friendly grease for all seasons. Contains no heavy metals or chlorine compounds. Also friendly to copper containing components at high temperature.

This is a excellent shear stable product with exceptional extreme pressure characteristics and excellent water resistance, it is recommended for on and off-road equipment, fleet and commercial applications. It has excellent mobility characteristics at low temperatures.

Available in 14 ounce tubes, 35 lbs pails, 120 lb keg, & 400 lbs drums.

### APPLICATIONS:

1. Automotive & Industrial applications
2. Plain and anti-friction bearings.
3. On & Off-road Equipment.
4. Fleet & commercial applications.

### FEATURES:

1. Excellent grease.
2. Long life at higher temperatures.
3. Excellent higher extreme pressure characteristics.
4. Excellent rust protection.
5. Excellent low temperature properties.
6. Excellent shear stability characteristics.
7. Excellent water resistance.
8. Environmentally friendly. Contains no heavy metals or chlorine.

### BENEFITS:

1. Environmentally friendly. Contains no heavy metals or chlorine.
2. Long Life.
3. Reduced maintenance costs.
4. Excellent mobility characteristics at low temperatures.

**PETRON PLUS™ INTERNATIONAL, INC.**

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**TYPICAL SPECIFICATIONS:**

**PETRON PLUS™**  
**FORMULA 7**  
**HI-TEMP, EXTREME-PRESSURE, MULTI-PURPOSE POLYUREA GREASE**

Part No.,	00950, 00975, 52178, & 52179
NLGI, Consistency Grade, ASTM D-217, .	2
Thickener,	Polyurea
Texture,	Smooth
Dropping Point, deg F, Min, ASTM D-2265,	500
Worked Penetration 60 Strokes, 77°F, dmm, ASTM D-217,	265-295
Shell Roll Stability, 2hr, 20-35°C, %, ASTM D-1831,	292
Oxidation Stability, ASTM D-942, PSI Loss, Max, .	5
Copper Corrosion, ASTM D-4043, Rating,	1b
Oil Separation, ASTM D-1742, % Loss, Max,	5.0
DI Rust Test, 48hr/125°F, ASTM D-1743, .	Pass
Timken OK Load, 10 minutes, lbs., ASTM D-2509,	60
4-Ball Wear, mm, ASTM D-2266,.	0.4
4-Ball Load Wear Index, kgf, ASTM D-2596,	50
4-Ball EP Weld Point, Kg, ASTM D-2596, Min,	400
Water Washout, 1hr/175°F, % Loss, ASTM D 1264,	2
Color, .	Blue/Green
Pounds/Gallon, .	8.5
<b><u>BASE OIL</u></b>	
Viscosity	
@ 40 deg. C, cSt.,	135-155
@ 100 deg. C, cSt.,	13.5-15.5
@ 100°F, SUS., .	625-725
Viscosity Index, .	70

Petron Plus Formula 7 High-Temp Multi-Purpose Polyurea E.P. Grease uses a thermally stable base oil suitable for prolonged operation at high temperatures, coupled with its excellent performance at low temperatures, permits broader application ranges. It is recommended for steel mills, cement plants, off-road equipment, fleet and commercial applications. It has excellent mobility characteristics at low temperatures.

Another outstanding feature is its compatibility with a wide variety of seal materials, such as Nitrile, Silicone, Hytrel, Viton and Neoprene. Furthermore, it is also extremely compatible with soap thickened greases without any appreciable change in penetration.

It exhibits outstanding insensitivity to water, and tolerates wet working environments very effectively.

Petron Plus Formula 7 High-Temp Multi-Purpose Polyurea E.P. Grease has a significant improvement in performance over conventional lithium and lithium complex greases.

**Distributed By:**



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