



**PETRON  
PLUS™  
FORMULA 7**



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TRANSMISSION & GEARBOX SUPPLEMENT**

▶ **PART NO.'S: 12123, 52002, 52005, & 12355**

**TECHNICAL DATA SHEET**

Petron Plus™ Formula 7 Transmission & Gear Box Supplement (T&GB), is made from a unique formulation of high-tech semi-synthetic constituents chemically bonded together in a patented/patent pending new process to form a totally new Nano Monomolecular Technology Extreme Pressure (EP) ingredient available, to enhance oxidation resistance and provide maximum protection against friction, wear, rust, and corrosion.

Petron Plus™ T&GB is a multi-purpose super lubricant designed for general maintenance use, from home use to heavy industrial plant projects.

It's has a super lubricating film that coats and penetrates metal surfaces to provide the longest-lasting lubricating action available. T&GB is the "new standard" in protection.

Petron Plus™ T&GB can be used in any vehicle, marine, farm, earth-moving, off-road equipment or industrial gear box, equipment and machinery.

For use where Extra lubrication, extreme wear and rust-prevention is required.

Available in 12 ounce bottles, 1 gallon jugs, 5 gallon pails, & 54 gallon drums.

**APPLICATIONS:**

1. All types of vehicle gear boxes:  
Cars, Trucks, Recreational, Commercial Fleets, Earth-Moving, Off-Road.
2. Marine Equipment.
3. Railroad Equipment.
4. Industrial:  
Mining, Manufacturing Gear Boxes.
5. Military Applications.
6. Agricultural Equipment.
7. Race Cars.
8. Gears and Bearings.

**FEATURES:**

1. Superior petroleum base stocks and superior additive technology.
2. Compatible with all seal materials, plastics, and paints.
3. Superior antiwear properties.
4. Excellent protection against rust and corrosion.
5. Outstanding oxidation resistance and thermal stability.
6. High flash point and high viscosity index.
7. Long life residue.

**BENEFITS:**

1. Helps reduced maintenance costs.
  - a. Helps reduced component wear.
  - b. Helps decreased "down time" to replace oil and parts.
2. Super Lubricant.
3. Long lasting film lubricant.
4. Helps conserve energy.
5. Helps increase gear life.
6. Helps increase fuel mileage.
7. Helps reduce friction and wear between moving parts.
8. Helps protect against acid & corrosion.
9. Helps lower operating temperature.
10. Helps quiet noisy gear boxes.
11. Helps condition seals.

**PETRON PLUS™ GLOBAL, INC.**

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**TYPICAL SPECIFICATIONS:**

**PETRON PLUS™**  
**FORMULA 7**  
**TRANSMISSION & GEARBOX SUPPLEMENT**

Part No.,	12123, 52002, 52005, & 12355
Flash Point, COC, °F.,	>420
Pour Point, °C.,	-9
Four Ball E.P.	
LWI, .	97.92
Weld, Kg.,	500
Rust (JDQ22),	Pass
Salt Spray Test,	Pass
Humidity Cabinet Test,	Pass
Rust Prevention, ASTM D-665B.,	Pass
Color, .	Amber

**COMPARISON TEST**

COMMERCIAL PRODUCTS	4 BALL E. P.	
	LWI	WELD, Kg
John Deere 80/90,	56.54	315
85% John Deere 80/90 + 15% T&GB, .	59.40	315
Amoco 80/90,	58.28	315
85% Amoco 80/90 + 15% T&G,	63.32	315
Phillips 66 80/90,	64.24	315
85% Phillips 66 80/90 + 15% T&GB,	69.32	400
Texaco 80/90,	59.35	315
85% Texaco 80/90 + 15% T&GB,	70.64	315
Valvoline 80/90,	62.92	400
85% Valvoline + 15% T&GB, .	70.46	400
Pennzoil 80/90, .	56.86	315
85% Pennzoil + 15% T&GB, .	63.60	400
Mobil 629,	33.59	250
85% Mobil 629 + 15% T&GB, .	51.02	400
Darmex 75W-90,	50.52	315
85% Darmex 75W-90 + 15% T&GB, .	58.94	315
Mobil DTE Heavy Medium,	33.24	160
85% Mobil DTE Heavy Medium + 15% T&GB, .	59.26	400
Gulf M.P. 80W-90,	44.64	250
85% Gulf M.P. 80W-90 + 15% T&GB, .	66.55	400
Exxon GX 80W-90,	61.31	400
85% Exxon GX 80W-90 + 15% T&GB, .	69.80	400
Quaker State 80W-90,	52.12	315
85% Quaker State 80W-90 + 15% T&GB, .	69.72	315
Chevron Universal 80W-90,	50.78	250
85% Chevron Universal 80W-90 + 15% T&GB, .	61.28	315

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Warranty: All products purchased from Petron Plus Global, Inc., (PPGI) are subject to terms and conditions set out in the contract, order acknowledgment and/or bill of lading. PPGI warrants only that its product will meet those specifications designated as such herein or in other publications. All other information supplied by PPGI is considered accurate but is furnished upon the express condition that the customer shall make its own assessment to determine the product's suitability for a particular purpose. No warranty is expressed or implied regarding such other information, the data upon which the same is based, or the results to be obtained from the use thereof; that any product shall be merchantable or fit for any particular purpose, or that the use of such other information or product will not infringe any patent.

# NANO MONOMOLECULAR TECHNOLOGY



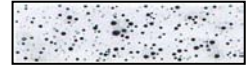
Molybdenum Disulfide



Graphite



Teflon® (registered Trademark of DuPont)



Petron Plus Formula 7

The above Micrographs show material structures of Molybdenum Disulfide, Graphite, Teflon/PTFE, and Petron Plus Formula 7®. The solid products are 2 to 10 microns in size; Petron Plus Formula 7® Nano Monomolecular technology is 0.1 micron in size.

When Petron Plus Formula 7® is added to an existing lubricant, tiny molecules (less than 1 micron in diameter) are carried directly to the friction face. Because the molecules are very small, 0.1 in size (a human hair is 50 microns). Solid additives (i.e., PTFE, Teflon (a registered trademark of DuPont), Moly, Graphite, etc.) are 2 to 10 microns in size. The Petron Plus Formula 7® technology is much the size of a cold virus, and in that conjunction can't be stopped.

Once the molecules reach the friction face, they are attracted to the surface, thereby reducing friction, wear and drag. The Petron Plus Formula 7® Nano Monomolecular technology contains none of the common EP agents such as molybdenum disulfide (Moly), graphite, Teflon, or PTFE resins, copper, lead, silver, or other metals, nor other previously used EP agents. It doesn't contain Carbon Tetrachloride, 1,1,1, Trichloroethane, or Chlorinated Paraffin, or Chlorinated Solvents or any other harmful solvent.

The Petron Plus Formula 7® Nano Monomolecular lubricant technology is about to revolutionize the design and performance of wear components, thanks to the extremely high shear strength of the re-engineered hydrocarbon.

Once there, intermolecular force pulls the molecules to the surface where they cluster to fill in any pores or roughness. The remaining areas are covered by a layer less than one molecule deep, hence the term Nano Monomolecular.

The intense shear strength of these microscopic layers provides outstanding smooth running and reduced friction characteristics, under the most demanding conditions even the most advanced EP lubricants fail to meet. To dispel fear that this new technology is just another 'snake oil', the most demanding tests have been used, and are still used when testing these products.

## Directions:

Differentials, Manual Transmissions, Trucks, Tractors, Heavy Equipment: Add ten (10%) percent of total lubricant volume. Increase depending on load, speed, equipment condition.

Gear Boxes: Add ten to fifteen (10%-to-15%) percent of total lubricant volume. Increase depending on load, speed, equipment condition. If gear oil is changed add ten (10%) of the Petron Plus Formula 7 T&GB Supplement.

Open Gears: Add ten to fifteen (10%-to-15%) percent of total lubricant volume. Increase depending on load, speed, equipment condition. If gear oil is changed add ten (10%) of the Petron Plus Formula 7 T&GB Supplement.

## Precautions:

NOT recommended for use with non-flammable or fire resistant gear oils; components which depend on friction to operate such as "friction clutches."

## Cautions:

Keep out of reach of Children. Avoid contact with eyes. Wash thoroughly after handling. In case of contact with eyes, flush with water for 15 minutes. Call physician immediately.