



**PETRON**  
**PLUS™**  
**FORMULA 7**



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**FORMULA 7**  
**PREMIUM MULTI-PURPOSE**  
**GASOLINE & DIESEL FUEL CONDITIONER**

**TECHNICAL DATA SHEET**

▶ **PART NO.'S: 20300-12oz, 20300-32oz, 20300-1g, 20300-5g & 20300-55g**

Petron Plus™ Formula 7 Premium Multi-Purpose Gasoline & Diesel Fuel Conditioner is a multipurpose gasoline/diesel fuel additive, which modifies the fuel's physical properties, rather than fuel chemistry. It is a high molecular weight form of Polyisobutylene (PIB). It is a pure hydrocarbon (i.e. contains only Carbon and Hydrogen), and as such is exempt from EPA regulations and helps to meet EURO 5 Standards.

The active component present in this product was tested by Olson-Ecologic Engine Testing Laboratories.

When blended with gasoline, it increases engine power, increases the apparent octane value, reduces fuel consumption and reduces emissions of CO, HC and NO<sub>x</sub>. It modifies gasoline atomization, vaporization and atomized droplet behavior.

The benefits derived from modification of gasoline vaporization behavior are: a more homogeneous burn of all components at ignition and during flame propagation, More optimum ignition timing for highest BMEP, Faster flame propagation giving higher BMEP and more complete combustion, Lower combustion gas temperature reducing engine octane requirement.

The benefits derived from modification of gasoline spray droplet behavior are: More uniform spray droplet formation, Reduced wall wetting, More fuel entrained in the air/fuel charge during transients and cold starts.

When blended with diesel fuel, 20300 increases engine power, reduces combustion gas temperatures, reduces consumption and reduces emissions of unburned hydrocarbon and NO<sub>x</sub>.  
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**APPLICATIONS:**

1. Can be added to gasoline &/or diesel fuel.
2. Can be mixed with 2-stroke gas/oil mixture.
3. Can be added to 2-stroke oil.

**FEATURES:**

1. When blended with gasoline, it increases engine power, increases the apparent octane value, reduces fuel consumption and reduces emissions of CO, HC and NO<sub>x</sub>. It modifies gasoline atomization, vaporization and atomized droplet behavior.
2. When blended with diesel fuel, 20300 increases engine power, reduces combustion gas temperatures, reduces consumption and reduces emissions of unburned hydrocarbon and NO<sub>x</sub>.
3. Can also be mixed with 2-stroke gas/oil mixture, or can be added to 2-Stroke oil.

**BENEFITS:**

1. The benefits derived from modification of gasoline spray droplet behavior are: More uniform spray droplet formation, Reduced wall wetting, More fuel entrained in the air/fuel charge during transients and cold starts.
2. The following benefits are derived from use of 20300 in diesel fuel: A more uniform distribution of droplet size across the cross section of the diesel spray cone, A reduction of the mean volume diameter of the diesel injector spray, A more even distribution of the fuel distributed across the cross section of the spray cone, The elimination of superfine satellite droplets, which cause early ignition, An improved spray jet penetration.

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## TYPICAL SPECIFICATIONS:

# PETRON PLUS™ FORMULA 7 PREMIUM MULTI-PURPOSE GASOLINE/DIESEL FUEL CONDITIONER

Part No.	.	.	.	.	.	.	.	.	.	.	.	.	20300
Flash Point, °F (°C)	.	.	.	.	.	.	.	.	.	.	.	.	> 144 (>62)
Pour Point, °F	.	.	.	.	.	.	.	.	.	.	.	.	< - 4
lb/US gal.,	.	.	.	.	.	.	.	.	.	.	.	.	6.84
Appearance.	.	.	.	.	.	.	.	.	.	.	.	.	Translucent Viscous Liquid

**The following benefits are derived from use of 20300 in diesel fuel:** A more uniform distribution of droplet size across the cross section of the diesel spray cone, A reduction of the mean volume diameter of the diesel injector spray, A more even distribution of the fuel distributed across the cross section of the spray cone, The elimination of superfine satellite droplets, which cause early ignition, An improved spray jet penetration, Reduced wall wetting.

Petron Plus™ Formula 7 Premium Multi-Purpose Gasoline & Diesel Fuel Conditioner can also be mixed with 2-stroke gas/oil mixture, or can be added to 2-Stroke oil. The dosage is the same as for 4-cycle engines. Petron Plus™ Formula 7 Premium Multi-Purpose Gasoline & Diesel Fuel Conditioner can be combined/added with other gasoline/diesel fuel additives. Please consult PPGI before adding 20300 with other additives.

## TREATMENT

<u>Container Size</u>	<u>Treats Gallons of Gasoline or Diesel Fuel</u>
10 oz.	20 gallons
32 oz.,	325 gallons
1 gallon,	1,095 gallons
5 gallons	5,475 gallons
54 gallons	59,130 gallons
275 gallons - Tote	301,125 gallons

**Helps Meet  
EURO 5 Standards**



**20300 is a pure hydrocarbon, (i.e. contains only Carbon and Hydrogen), and as such is exempt from EPA Registered**



## DIRECTIONS

We have formulated two products to make it easier for vehicles with smaller fuel tanks. The 10 oz. Bottle treats 20 gallons of gasoline or diesel fuel. The 32 oz, 1 gallon, 5 gallon and 54 gallon drum are a heavier concentrated product for vehicles with larger fuel tanks. Add to gasoline &/or Diesel fuel tank at the recommended treat rate listed above to obtain the benefits listed. 20300 can also be mixed with a 2-stroke gas/oil mixture (use 10 oz. Bottle formula only), or can be added to 2-stroke oil. The dosage is the same as for 4-cycle engines.

**DO NOT ADD TO EMPTY FUEL TANK.** Make sure fuel tank has at least five to ten (5-10) gallons of fuel in tank, then add 20300 to the fuel tank (this is to ensure good mixing in fuel-tank) at proper treat ratio and fill fuel tank to the full level. Dispose of empty container properly. Repeat treatment every time you fill fuel tanks to the full level.

For even greater performance use **Petron Plus Formula 7 Premium All-Season Multi-Purpose Diesel Fuel Concentrate with Lubricity (Part No. 20310)** at the same time you use 20300 in diesel fuel.

For best results add 20310 first and then add 20300 to fuel tank and them fill-up.

One treatment should provide noticeable improvement in the operation of any gasoline/diesel engine. Some deposits are more difficult to clean, particularly those on intake valves and combustion chambers. In these cases the second treatment will be beneficial and each treatment thereafter. Once this product has been used, engine deposits can be kept to a minimum with regular use.

April, 2013

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.