



**PETRON  
PLUS™  
FORMULA 7**



## PETRON PLUS™ FORMULA 7

**BIO-DIESEL FUEL POUR POINT DEPRESSANT CONCENTRATE**

▶ **PART NO.'S: 20230 THRU 20236**

**TECHNICAL DATA SHEET**

Petron Plus™ Formula 7 Bio-Diesel Fuel Pour Point Depressant Concentrate is a low temperature operability additive for use in pure bio-diesel fuels (B100), particularly those comprising 100% Fatty Acid Methyl Ester (FAME) derived from soy vegetable oils. Petron Plus™ Bio-Diesel Fuel Pour Point Depressant Concentrate improves the low temperature operability of (B100 fuels by lowering the pour point of the fuel, enabling the fuel to be handled at lower temperatures, without the need for additional heating.

Petron Plus™ Bio-Diesel Fuel Pour Point Depressant Concentrate is also formulated to delay the onset and precipitation of solid particulate material at temperatures at or just above cloud point of the B100 fuel.

Petron Plus™ Bio-Diesel Fuel Pour Point Depressant Concentrate may be continuously or batch blended into Biodiesel as a concentrate or as a stock solution. Proper blending and handling procedures must be followed due to the nature of all low temperature operability additives. The additives should be blended with the fuel at a temperature of at least 14°F above the cloud point of the fuel. Ensure that the additive is completely dissolved into the fuel. Treatment rates for Petron Plus™ Bio-Diesel Fuel Pour Point Depressant Concentrate depend upon the nature of the bio-diesel, but are typically in the range of 1,000 - 8,000 ppm by volume.

See back for additional information.

### APPLICATIONS:

1. Is a low temperature operability additive for use in pure bio-diesel fuels (B100).
2. Particularly those comprising 100% Fatty Acid Methyl Ester (FAME) derived from soy vegetable oils.

### FEATURES:

1. Lowers pour point of most B100 fuels.
2. Prevents or minimizes the formation of particulate material at temperatures above the cloud point.
3. Enhances Cold Filter Plugging Point (CFPP) response in downstream BXX blends.
4. Contains a water dispersant to help safely remove water on a gradual basis.
5. Contains a water dispersant to help safely remove water on a gradual basis.
6. Contains an anti-freeze to help prevent fuel filter icing.
7. Compatible with Petroleum Fuels and most other Petroleum Fuel Additives.
8. The sulfur content of this diesel fuel additive does not exceed 15 ppm.

### BENEFITS:

1. May be continuously or batch blended into Biodiesel as a concentrate or as a stock solution.
2. Lowers pour point of most B100 fuels.
3. Compatible with most metals.

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**TYPICAL SPECIFICATION:**

**PETRON PLUS™ FORMULA 7  
BIO-DIESEL FUEL POUR POINT DEPRESSANT CONCENTRATE**

Part No.,	20230, 20232, 20234, 20235
Viscosity, cSt @ 100°F.,	66
32°F.,	312
0°F.,	865
Flash Point, °F.,	93
Pour Point, °F.,	-40
Specific Gravity, @ 60/60°F.,	0.927
lb/US gal.,	7.72
Appearance,	Clear Pale Yellow Liquid

Petron Plus™ Bio-Diesel Fuel Pour Point Depressant Concentrate is a B100 pour point additive that provides the following functional and performance benefits: Lowers pour point of most B100 fuels. Prevents or minimizes the formation of particulate material at temperatures above the cloud point. Enhances Cold Filter Plugging Point (CFPP) response in downstream BXX blends. Contains a water dispersant to help safely remove water on a gradual basis. Contains a water dispersant to help safely remove water on a gradual basis. Contains an anti-freeze to help prevent fuel filter icing. Compatible with Petroleum Fuels and most other Petroleum Fuel Additives. The sulfur content of this diesel fuel additive does not exceed 15 ppm.

Petron Plus™ Bio-Diesel Fuel Pour Point Depressant Concentrate is compatible with mild steel, aluminum, 304 stainless steel, 316 stainless steel, Monel 400, and Nickel 200. PVDF, FRP (Vinyl), AFLAS, Viton-A, Teflon, and Graphite are recommended for thermoplastics, elastomers, and gasket materials. Copper, brass or bronze (yellow metals) should be used with neat additives.

**TREATMENT**

Treatment rates for Petron Plus™ Bio-Diesel Fuel Pour Point Depressant Concentrate depend upon the nature of the bio-diesel, but are typically in the range of 1,000 - 8,000 ppm by volume.

Distributed By:

December., 2010

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