



Product Data Sheet

PETRON DIESEL MAX E5 B7

DESCRIPTION

Petron Diesel is a premium diesel fuel with 7% Palm Methyl Ester (PME) that is specially formulated to provide improved fuel economy and reduced exhaust emissions. It meets Euro 5 and SIRIM MS 123-3:2019 specifications.

It also has the ability to maintain and improve fuel injection system cleanliness through unsurpassed detergency characteristics.

Petron Diesel with its advanced additive technology provides the following performance benefits:

- Optimum cleaning action
- Power loss control
- Improved fuel economy
- Reduced exhaust emissions
- Improved oxidation stability
- Excellent protection against corrosion
- Protection against diesel fuel foaming
- Improved forecourt cleanliness

APPLICATION

- For high-speed automotive diesel engines

TYPE/QUALITY LEVEL

- Distillate fuel with additive

AVAILABLE PACKAGES

- Bulk

TYPICAL CHARACTERISTICS

Color, ASTM	L0.5
Density at 15°C, kg/L	0.8396
Kinematic Viscosity at 40°C, cSt	2.7
Flash Point, PM, °C	71
Water by Distillation, Vol. %	<0.05
Sulfur, ppm	7
Derived Cetane Number*	49 min.
Copper Corrosion, 3 hrs. at 100°C	1
Micro Carbon Residue on 10% Bottoms, Mass %	<0.10
Ash, Mass %	<0.01
Distillation: °C	354
95% Recovery	
FAME content, Vol. %*	6.8 - 7.0
Cloud Point, °C	8
Electrical Conductivity, pS/m	624
Lubricity, µm	230
Sediment by Extraction, w%	<0.01

**Specifications*



Product Data Sheet

PETRON DIESEL MAX E5 B10

DESCRIPTION

Petron Diesel is a premium diesel fuel with 10% Palm Methyl Ester (PME) that is specially formulated to provide improved fuel economy and reduced exhaust emissions. It meets Euro 5 and SIRIM MS 123-5:2020 specifications.

It also has the ability to maintain and improve fuel injection system cleanliness through unsurpassed detergency characteristics.

Petron Diesel with its advanced additive technology provides the following performance benefits:

- Optimum cleaning action
- Power loss control
- Improved fuel economy
- Reduced exhaust emissions
- Improved oxidation stability
- Excellent protection against corrosion
- Protection against diesel fuel foaming
- Improved forecourt cleanliness

APPLICATION

- For high-speed automotive diesel engines

TYPE/QUALITY LEVEL

- Distillate fuel with additive

AVAILABLE PACKAGES

- Bulk

TYPICAL CHARACTERISTICS

Color, ASTM	L0.5
Density at 15°C, kg/L	0.8402
Kinematic Viscosity at 40°C, cSt	2.7
Flash Point, PM, °C	70
Water by Distillation, Vol. %	<0.05
Sulfur, ppm	5
Derived Cetane Number*	49 min.
Copper Corrosion, 3 hrs. at 100°C	1
Micro Carbon Residue on 10% Bottoms, Mass %	<0.10
Ash, Mass %	<0.01
Distillation: °C	346
95% Recovery	
FAME content, Vol. %*	9.8 - 10.0
Cloud Point, °C	6
Electrical Conductivity, pS/m	436
Lubricity, µm	220
Sediment by Extraction, w%	<0.01

**Specifications*



Product Data Sheet

PETRON DIESEL MAX E5 B20

DESCRIPTION

Petron Diesel is a premium diesel fuel with 20% Palm Methyl Ester (PME) that is specially formulated to provide improved fuel economy and reduced exhaust emissions. It meets Euro 5 and SIRIM MS 123-5:2020 specifications.

It also has the ability to maintain and improve fuel injection system cleanliness through unsurpassed detergency characteristics.

Petron Diesel with its advanced additive technology provides the following performance benefits:

- Optimum cleaning action
- Power loss control
- Improved fuel economy
- Reduced exhaust emissions
- Improved oxidation stability
- Excellent protection against corrosion
- Protection against diesel fuel foaming
- Improved forecourt cleanliness

APPLICATION

- For high-speed automotive diesel engines

TYPE/QUALITY LEVEL

- Distillate fuel with additive

AVAILABLE PACKAGES

- Bulk

TYPICAL CHARACTERISTICS

Color, ASTM	1.0
Density at 15°C, kg/L	0.8450
Kinematic Viscosity at 40°C, cSt	3.5
Flash Point, PM, °C	82
Water by Distillation, Vol. %	<0.05
Sulfur, ppm	7
Derived Cetane Number*	49 min.
Copper Corrosion, 3 hrs. at 100°C	1
Micro Carbon Residue on 10% Bottoms, Mass %	<0.10
Ash, Mass %	<0.01
Distillation: °C	344
95% Recovery	
FAME content, Vol. %*	19.8 – 20.0
Cloud Point, °C	5
Electrical Conductivity, pS/m	125
Lubricity, µm	240
Sediment by Extraction, w%	<0.01

**Specifications*