

# EN590 10 PPM DIESEL FUEL

Product Brochure | Ultra-Low-Sulfur Automotive Gas Oil

EN590 10 PPM is an automotive diesel fuel grade intended to meet the European EN 590 specification. It is characterized by ultra-low sulfur content (maximum 10 mg/kg, commonly stated as 10 ppm) and is used in modern compression-ignition engines. Final conformity must be established by the cargo-specific Certificate of Quality / inspection report.

## Product Identification

|                         |                                                                  |
|-------------------------|------------------------------------------------------------------|
| Product name            | EN590 10 PPM Diesel Fuel                                         |
| Common designation      | Automotive Gas Oil / Ultra-Low-Sulfur Diesel (ULSD)              |
| Suggested model / grade | EN590-10PPM                                                      |
| Broad HS classification | 2710.19 (6-digit format: 271019)                                 |
| Typical trade unit      | Metric Ton (MT)                                                  |
| Origin                  | As stated on the Certificate of Origin for the specific shipment |

## Typical EN590 Product Specification

| Parameter                                 | Typical requirement / limit        |
|-------------------------------------------|------------------------------------|
| Cetane number                             | Min. 51.0                          |
| Density at 15 C                           | 820 - 845 kg/m3                    |
| Sulfur content                            | Max. 10 mg/kg (10 ppm)             |
| Flash point                               | Min. 55 C                          |
| Kinematic viscosity at 40 C               | 2.00 - 4.50 mm2/s                  |
| Polycyclic aromatic hydrocarbons          | Max. 8.0 % (m/m)                   |
| Lubricity, wear scar diameter at 60 C     | Max. 460 micrometres               |
| Water content                             | Max. 200 mg/kg                     |
| Total contamination                       | Max. 24 mg/kg                      |
| Ash content                               | Max. 0.010 % (m/m)                 |
| Carbon residue (10% distillation residue) | Max. 0.30 % (m/m)                  |
| Distillation: 95% recovered               | Max. 360 C                         |
| FAME content (B7 where applicable)        | Max. 7.0 % (v/v)                   |
| Cold Filter Plugging Point (CFPP)         | Seasonal / climate class dependent |

## Applications and Commercial Use

Used as road diesel fuel for compatible passenger vehicles, commercial fleets, trucks and other diesel-powered equipment. EN590 is commonly traded internationally in bulk cargoes under terms such as FOB and CIF, subject to contract, destination requirements and applicable law.

## Quality Documentation

Commercial shipments should be supported by cargo-specific documents such as a Certificate of Quality / Product Passport and, where required, an independent inspection report. The Certificate of Origin should be used to state the actual country of origin.

**Important:** This brochure is general product information and is not a refinery certificate, certificate of origin, SGS report, or cargo-specific certificate of quality. Product parameters may vary within the governing standard and seasonal grade.