AL QAMRA
القمرة للنفط والغاز

PRODUCT DATA SHEETS (PDS)

Ultra-Low Sulfur Diesel (ULSD) 10 PPM

Compliance Standard: Euro V / Euro VI Equivalent (EN 590 Spec)

Product Classification: High-Speed Automotive & Industrial Diesel Fuel
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Product Overview:

Al Qamra Ultra-Low Sulfur Diesel (ULSD) is a premium, highly refined light distillate fuel engineered for modern high-speed diesel engines. With a maximum sulfur content of 10 ppm, this product drastically reduces exhaust emissions, prevents fuel injector fouling, and ensures optimal combustion efficiency under severe operating conditions.

Technical Specifications Table

Property	Units	Test Method (ASTM/ISO)	Specification Limits	Typical Value
Sulfur Content	mg/kg (ppm)	ASTM D5453 /ISO 20846	Max 10.0	8.5
Cetane Index	—	ASTM D4737 / ISO 4264	Min 46.0	49.0
Cetane Number	—	ASTM D613 / ISO 5165	Min 51.0	53.5
Density @ 15°C	kg/m³	ASTM D4052 / ISO 12185	820.0 – 845.0	834.0
Flash Point (PMCC)	°C	ASTM D93 / ISO 2719	Min 55.0	62.0
Kinematic Viscosity @ 40°C	mm²/s (cSt)	ASTM D445 / ISO 3104	2.00 – 4.50	2.85
Distillation: 95% Recovered	°C	ASTM D86 / ISO 3405	Max 360.0	345.0
Copper Strip Corrosion (3h @ 50°C)	Rating	ASTM D130 / ISO 2160	Max Class 1	Class 1a
Water Content	mg/kg	ASTM D6304 / ISO 12937	Max 200	80

Storage & Handling Recommendations:

- Store in approved, clean steel tanks equipped with adequate venting systems.
- Avoid contact with copper, zinc, or brass alloys to prevent fuel degradation.
- Keep away from open flames, sparks, and high-heat sources.

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