

# Shell Diesoline



Shell Diesoline is a premium quality automotive diesel fuel blended with up to 2% Coconut Methyl Ester (CME), in compliance with The Biofuels Act of 2006. Shell Diesoline is recommended for light and heavy-duty automotive applications (including off road). Shell Diesoline can also be used in industrial applications for boilers, furnaces and heaters requiring distillate fuel. Shell Diesoline has low sulphur and fully complies with requirements of the Clean Air Act for automotive diesel fuel.

## Technical Specifications

| <u>Properties</u>  | <u>Limits</u> | <u>Test Method</u>    |
|--|---------------|-----------------------|
| Density @ 15°C, Kg/L                                     | 0.82 – 0.86   | ASTM D1298/D4052      |
| Color, max.  | 2.5           | ASTM D1500            |
| Kinematic Viscosity, mm <sup>2</sup> /sec. at 40°C, max. | 2.0 - 4.5     | ASTM D445             |
| Calculated Cetane Index or Cetane Number, min.           | 50            | ASTM D4737/D976/D6890 |
| Sulphur Content, % wt., max.                             | 0.05          | ASTM D2622/D4294      |
| FAME content, % vol.                                     | 1.7 – 2.2     | EN 14078 modified     |
| Water and Sediments, % vol., max.                        | 0.10          | ASTM D2709            |
| Water, % volume, max.                                    | 0.05          | ISO 12937             |
| Ash Content, % wt., max.                                 | 0.02          | ASTM D482             |
| Flash Point, Pensky-Martens, °C, min.                    | 60.0          | ASTM D93              |
| Carbon Residue on 10% distillation, %wt. max.            | 0.15          | ASTM D4530            |
| Copper strip corrosion 3 hrs. @ 50 °C, max.              | No.1          | ASTM D130 / ISO 2160  |
| Distillation, 90% recovery, °C, max                      | 370           | ASTM D86              |
| Lubricity, wear scar dia., microns @ 60°C, max.          | 460           | ASTM D6079            |

## Health and Safety

Shell Diesoline is will not present any significant health or safety hazard when properly used in the recommended application.

For further guidance on product health and safety, refer to the appropriate Material Safety Data Sheet.