miles® diesel

Application
miles diesel can be used in all diesel vehicles, including cars, vans, trucks and buses.

Advantages
miles diesel meets all the requirements set in the Irish/European standard for diesel, IE-EN 590. The very low sulfur content of miles diesel makes the product excellent for use in vehicles with catalysts and particulate filters. To reduce the life cycle greenhouse gas emissions, miles diesel contains up to 7% biodiesel (FAME acc. to IE-EN 14214). In addition, miles diesel contains one of the most advanced high-tech multifunctional additives.

Properties
Modern diesel engines run at very high injection pressures. For the optimal performance of the engine it is important that the fuel system is very clean. Circle K's multifunctional additive for miles diesel, cleans vital parts of the engine and keeps these protected from new deposits. The multifunctional additive also protects against rust all metallic surfaces in the fuel system. In addition, miles diesel contains Cetane improvers, this enhances the ignition properties of the diesel, which in turn contributes to improve the cold start properties of the engine, gives optimal combustion, lower emissions and reduced knock and noise. Other properties are, reduced foaming when filling the tank as well as improved storage durability. Use of miles diesel contributes to reduce the fuel consumption by up to 3% (1) compared to diesel without additives available on the market.

Environmental Facts
All the biodiesel that is blended in miles diesel meets the European sustainability requirements. The additive in miles diesel contributes to reduce the fuel consumption by up to 3% (1). This represents not only an economic advantage but also means that Circle K miles diesel emits about 3% less CO_2 and other harmful substances for the same distance travelled. For each liter of miles diesel combusted, typically 2.6 kg of carbon dioxide (CO_2) is emitted as well as 0.02 grams of sulfur dioxide (SO_2).

Note 1: Reduction in fuel consumption using miles® fuel depends on the individual engine, the driver's style and general driving conditions

Typical analysis

Properties	Typical value	Unit	Analysis method
Density	max. 845	g/l	EN ISO 3675
95 % Distilled	max. 360	°C	EN ISO 3405
Flash point	min. 56	°C	EN ISO 2719
Viskosity at 40 °C	1,5 – 4,0	mm²/s	EN ISO 3104
Sulphur content	max. 10	ppm	EN ISO 20846
CFPP			EN 116
Sommer (16/3-15/11	max. -5	°C	
Vinter (16/11-15/3)	max. -15	°C	
Cetane number	min. 51		EN ISO 5165
Water content	max. 200	ppm	EN ISO 12937