

## miles<sup>®</sup> unleaded 95

### Application

Circle K miles unleaded 95 gasoline can be used in all gasoline engines that can run on gasoline with octane 95 and containing up to 10 % Ethanol.

### Advantages

miles unleaded 95 contains up to 10% bioethanol and has been added a high-tech multifunctional additive that cleans important parts of the engine. The additive also contains a component that reduces friction and wear in parts of the engine where the engine oil has difficulty to lubricate. This helps to reduce fuel consumption. Circle K miles unleaded 95 meets all requirements of the Irish/European gasoline standard IE-EN 228. The quality of miles unleaded 95 is higher than the legislation requirements, this to ensure the customer a uniformly high quality throughout Circle K's European station network.

### Properties

Circle K miles unleaded 95 gasoline excels among others by the following characteristics:

- Cleans and keeps the fuel system in the engine clean. The additive keeps valves and nozzles clean, even under stressful operating conditions such as idling for a long time, short drives, and cold starts.
- Protects the engine against wear. The engine's moving parts work at high speed, high pressures, and extreme heat. Without the right protection, this will eventually draw on engine efficiency and performance.
- Its low vapor pressure during the summer season ensures that there is no unnecessary evaporation of environmentally harmful hydrocarbons. The high vapor pressure in winter ensures that the engine can start even in severe cold.

Circle K's production and distribution is subject to an ISO-certified quality and environmental management system, which ensures that the promised quality is always delivered.

### Environmental Facts

During the combustion of one litre miles unleaded 95, it is typically emitted 2.2 kg of CO<sub>2</sub>. In miles unleaded 95 it is added up to 10% bioethanol. Circle K mainly uses bioethanol from advanced raw materials that provide a high climate benefit.

### Typical Analysis

Properties	Typical value	Unit	Analysis method
Density	720 - 775	g/l	EN ISO 3675
Vapor Pressure, summer	70	KPa	EN 13016-1
Vapor Pressure, winter	100	KPa	EN 13016-1
Sulphur content	max. 10	ppm	EN ISO 13032
Benzene content	max. 1,00	%-vol	EN 238
Octane number RON	min. 95		EN ISO 5164

Circle K advises against the addition of other fuel additives (typically bought in bottles) in miles unleaded 95 gasoline.

