



# miles® unleaded 97

## Application

miles unleaded 97 can be used in all gasoline engines that require 97 octane gasoline but also for engines where 95 octane gasoline is prescribed.

## Advantages

miles unleaded 97 contains a high-tech multi-functional additive that cleans vital engine parts. The additive also contains a friction-reducing component that lowers the friction and reduces wear of engine parts that the engine oil has difficulty to lubricate. This helps to reduce the fuel consumption by up to 3% <sup>(1)</sup>. Circle K miles unleaded 97 meets all requirements of the Irish/European gasoline standard IE-EN 228.

## Properties

miles unleaded 97 exceeds, among others, the following features:

- Cleans-up and keeps the fuel system of the engine clean.  
The additive keeps the valves and nozzles clean, even under difficult operating conditions such as idling for a long time, short drives and cold starts.
- Protects the engine against wear.  
The engine's moving parts working at high speed, high pressure and extreme heat. Without the right protection, this will eventually draw on engine efficiency and performance.
- Vapor Pressure  
Low vapor pressure in summer ensures low emissions of environmentally harmful volatile organic components.  
High vapor pressure in winter ensures the engine can start even in severe cold.
- Higher octane number than the standard petrol that has octane number 95.

## Environmental Facts

During the combustion of one liter of miles unleaded 97, 2.2 kg CO<sub>2</sub> and 0.02 g SO<sub>2</sub> are typically emitted. In miles unleaded 97 up to 5% bioethanol (Ethanol acc. to IE-EN 15376) is added, this helps to further reduce the life cycle CO<sub>2</sub> emissions.

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

## 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	maks. 10	ppm	EN ISO 13032
Benzene content	maks. 1,00	%-vol	EN 238
Octane number RON	min. 97		EN ISO 5164

