



# Gulf Euro 95

## Product Information Sheet

Effective date: 26 / 04 / 2016  
Replaces: 13 / 10 / 2015  
Revision number:03

### 1.1. Product information

Trade name	Gulf Euro 95
Primary use	Fuel for spark ignition engines which are intended for use of unleaded fuel.
Product code	2301

### 1.2. Product description

Gulf Euro 95 has a maximal ethanol content of 5%(E5).

Physical Characteristics:	Specifications:	Test methods:
Research Octane Number (RON)	Min 95	EN-ISO 5164
Motor Octane Number (MON)	Min 85	EN-ISO 5163
Lead content	Max 5 mg/l	EN-237
Density @ 15°C	Min 720 - Max 775 kg/m <sup>3</sup>	EN-ISO 3675 / EN-ISO 12185
Sulphur content	Max 10 mg/kg (10 ppm)	EN-ISO 20846 / EN-ISO 20884
Manganese content	Max 2,0 mg/l	EN-16136
Oxidation Stability	Min 360 min	EN-ISO 7536
Gum content (solvent washed)	Max 5 mg/100 ml	EN-ISO 6246
Copper strip corrosion (3 hours @ 50°C)	Class 1	EN-ISO 2160
Appearance	Bright and Clean	Visually
Hydrocarbons content - olefins - aromatics	Max 18% (v/v) Max 35% (v/v)	EN-15553 EN-ISO 22854
Benzene content	Max 1% (v/v)	EN-238 / EN-12177
Oxygen	Max 2,7% (m/m)	EN-1601 / EN-13132
Oxygenates content - methanol - ethanol - iso-propyl alcohol - iso-butyl alcohol - tert-butyl alcohol - ethers (5 or more C- atoms) - other oxygenates	Max 3,0% (v/v) Max 5,0% (v/v)  Blending volume limited to 2,7% (m/m) maximum oxygen.	EN-1601 EN-13132 EN-ISO 22854
<b>Volatility class valid for the Netherlands</b> 1 May t/m 30 September: Class A 1 November t/m 31 March: Class E Transition months April and October: Class E1 and mixtures of Class A and E1 are permitted in all ratios.	<b>See table 4 of NEN EN 228:</b> Volatility class for unleaded gasoline with a maximum oxygen content of 2,7% (m/m).	