

DEFINITION:

STAR 95 is a unique and exclusive product of improved quality that has been developed to obtain better performance from gasoline engines.

Modern gasoline engines are designed to operate in perfect condition as long as their critical parts are kept clean and free of deposits.

STAR 95 keeps in check formation of deposits from combustion, ensuring high protection and good engine maintenance.

STAR 95 is a fuel suitable for most motor vehicles, regardless of their displacement. Its properties make it a complete solution for lengthening the life engines.

BENEFITS

- Cleaning delicate engine parts, removing existing deposits and preventing new ones from forming.
- Protecting metal surfaces of the engine against corrosion.
- Efficient combustion.

LEVEL OF QUALITY

- It complies with the specifications defined by Royal Decree 1088/2010 of September 3, 2010.
- It is in accordance with Directive 2009/30/EC of 23 April 2009.
- It complies with European standard CEN EN 228.

HEALTH AND SAFETY

- A Safety Data Sheet is available to those interested.

| Characteristics | Unit | Standard | Min. | Max. |
|--|-------------------|--|----------|--------------------|
| Density at 15° C | Kg/m ² | UNE EN ISO 12185 | 720 | 775 |
| Research Octane Index (RON) | - | EN ISO 5164 | 95.0 | - |
| Motor Octane Number (MON) | - | EN ISO 5163 | 85.0 | - |
| Distillation | - | UNE EN ISO 3405 | - | - |
| Evaporated 70° C (May 1-September 30) (October 1 - April 30) | %v/v | | 20 22 | 54 56 |
| Evaporated 100° C | %v/v | - | 46 | 74 |
| Evaporated 150° C | %v/v | | 75 | - |
| Final Distillation | °C | | - | 210 |
| Residue | %v/v | | - | 2 |
| Steam Pressure Winter (October 1-April 30) Summer (May 1 - September 30) | kPa | UNE EN ISO 13016-1 | 50 45 | 80 60 |
| VLI (10 V P+7 E70) the months of April and October | | CALCULATED | - | 1,160 |
| Hydrocarbon analysis | | | | |
| Olefins | %v/v | ASTM D 1319 | - | 18,0 |
| Aromatics | %v/v | ASTM D 1319 | - | 35,0 |
| Benzene | %v/v | UNE EN 12177 | - | 1,0 |
| Organic oxygenate composition | | | | |
| Oxygen | %m/m | UNE EN ISO 13132 | - | 2,7 ⁽¹⁾ |
| MTBE/ETBE ⁽¹⁾ | %v/v | | - | 5 |
| Ethanol | %v/v | | - | 5 |
| Sulfur | mg/kg | UNE EN ISO 20846 | - | 10 |
| Lead | g/L | EN 237 | - | 0.005 |
| Copper corrosion | scale | UNE EN ISO 2160 | - | Class 1 |
| Oxidation stability | minutes | UNE EN ISO 7536 | 360 | - |
| Current rubber content (washed) | mg/100ml | UNE EN ISO 6246 | - | 5 |
| Aspect | | VISUAL | | Clear/Bright |
| Additives and tracers | | Regulated by Order PRE/1724/2002 of July 5, as amended by Order PRE/3493/2004 of October 22. | | |

⁽¹⁾ The maximum individual content of the oxygenated compounds must be compatible with compliance with the specification of total oxygen content <2.7% m/m.