

# EXCELL RACE LIVE

**WARTER**  
*Racing 102*

  
**WARTER**  
racing



# WARTER Racing 102

is designed by the makers of WARTER aviation fuels with over 40 years of successful experience in the manufacturing of the best aviation fuel in the world. Utilizing our knowledge in this demanding fuel environment, you can power your team to achieve the best performance ever. And to top this off, we not only provide flexible delivery solutions but also the most competitive price on the market.



## Why WARTER Racing 102?

WARTER Racing 102 is a high octane fuel designed to fulfil a broad spectrum of racing applications. It is made to conform to the highest quality and performance standards (FIA Appendix J Compliant), yet to be easy on your budget.

### Quality

We have designed a production line to not only meet the specific needs of our racing fuel but primarily guarantee 24/7 quality control. All of the fuel components are made by our refinery. Each item is tracked and controlled for quality from the very first supplier to the final product before it is delivered to you.

### Excellence in research

WARTER fuels is proud to have the most modern fuel testing, research and development facility in Europe. We produce and test our fuels independently and they are never blended from half-made components. We refine them from scratch.

### Logistics to fit your requirements

We ship our fuel right to your doorstep – anytime – anywhere! Whether it is the service park or the test track – you tell us when and where and we deliver! WARTER Racing 102 is available in both 60 and 209 litre drums.

### It is all in the detail

**Whether you are a rally starter or a professional racing team – we have an offer for you!**

[www.warterracing.com](http://www.warterracing.com)



PROPERTY	METHOD	RESULT UNITS
<b>Density at 15°C</b> <b>Conjugated Diens and Styrenes / GC-MS *</b> Cyclohexadiene * 1,3-Hexadiene * Isoprene * Mycrene * Penta-Methyl-Cyclopentadiene * Tetra-Methyl-Cyclopentadiene * Di-Cyclopentadiene * Styrene * Total Dienes * Total Dienes *	DIN EN ISO 12185 SGS M1786	754,5 kg/m <sup>3</sup>  < 10 mg/kg < 10 mg/kg < 10 mg/kg < 10 mg/kg < 10 mg/kg < 10 mg/kg < 10 mg/kg < 10 mg/kg < 10 mg/kg < 0,0010 % (m/m)
<b>Distillation at Atmospheric Pressure</b> Initial boiling point (IBP) 5% Evaporated at 10% Evaporated at 20% Evaporated at 30% Evaporated at 40% Evaporated at 50% Evaporated at 60% Evaporated at 70% Evaporated at 80% Evaporated at 90% Evaporated at 95% Evaporated at Final boiling point (FBP) Recovery Residue Loss Evaporated at 50°C Evaporated at 70°C Evaporated at 100°C Evaporated at 125°C Evaporated at 150°C	DIN EN ISO 3405	42,4 °C 54,5 °C 56,4 °C 61,3 °C 65,4 °C 88,1 °C 106,4 °C 115,0 °C 122,6 °C 135,5 °C 159,3 °C 163,3 °C 169,6 °C 98,7 % (v/v) 0,5 % (v/v) 0,8 % (v/v) 2,1 % (v/v) 33,5 % (v/v) 45,5 % (v/v) 73,5 % (v/v) 86,5 % (v/v)
<b>Motor Octane Number</b> <b>Motor Octane Number</b> <b>Research Octane Number</b> <b>Nitrogen *</b> <b>Induction Period at 100°C</b> <b>Hydrocarbon Types and Oxygenates in Automotive Gasoline - Multidim.GC</b> Total Oxygen Total Paraffins Olefins Total Aromatics Ethanol Total Oxygenates Total Paraffins Total Naphthenes Total Olefins Benzene (C6 Aromatic) Total Aromatics	DIN EN ISO 5163 DIN EN ISO 5163 DIN EN ISO 5164 ASTM D4629 EN ISO 7536 EN ISO 22854	90,0 Rating (EN 228 Corrected) 90,0 Rating (EN 228 Corrected) 100,7 Rating 0,7 mg/kg >360 min  2,80 % (m/m) 49,7 % (m/m) 0,1 % (m/m) 34,2 % (rn/m) 7,58 % (v/v) 7,63 % (v/v) 54,8 % (v/v) 7,9 % (v/v) <1,5 % (v/v) 0,0 % (v/v) 29,5 % (v/v) <3,0 mg/kg 48,3 kPa <2,5 mg/L
<b>Sulfur Content</b> <b>Dry Vap. Pressure Equivalent (DVPE) at 37.8°C</b> <b>Lead</b>	DIN EN ISO 20846 DIN EN 13016-1 ASTM D3237	

# WARTER Racing.

Your world of racing from our world of aviation

WARTER aviation is the world's industry leader in General Aviation with over 40 years of experience in refining the finest AVGAS. Supplying the most demanding partners such as Air BP, Eni, Agip and many more, we have become the #1 aviation supplier in Europe.

We are also the proud fuel supplier for the most demanding aviation event in the world: The Red Bull Air Race.

Our aviation expertise now brings you the best racing fuel in the world. Excel and enjoy! And all this at prices you can afford.

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