

Bulletin nr 8 Fuel explanation

RX Promotion have received some questions about the fossil free fuel, mainly from Crosscar Junior teams.

Therefore we have decided to open up the fuel regulations for the class Crosscar Junior by allowing regular 98 fuel from gas-stations as well as the P1 fuels below. This regulation with the regular 98 fuel is only allowed for the first 4 rounds (Höljes and Kouvola).

The only fuel from P1 in our serie that has mixture of Ethanol is the *Bioaracing 100%*

We are a fossil free championship and want to remain so. In this matter we have asked our P1 supplier to visit either Höljes or Kouvola to answer some of your questions. Meanwhile we provide you with a summary these infos:

BioRacing 100%:

The E80, 100% fossil free fuel with high performance (high RON>105 and higher cylinder filling).

Remapping Engine: required, due to the high concentration of Ethanol

Testing experience: all 2021 season on RallyX and Cross Kart engines.

Power Level: high

Eco100RS (similar as WRC Fuel):

102 RON with higher oxygenation. Compatible with the FIA regulation 2022 and usable in most of the engines with minor changes in the mapping. This fuel has a special formulation and is preferable to be tested before being released for Cross Kart competitions.

In particular regarding the polymer (Viton), sealings and coatings compatibility. This fuel can bring a higher oil dilution on direct injection engines, but has not been tested on port injection.

Power Level: good

Eco100Pro:

The fuel is a RON98 compatible with most of the engines without need of big changes. The fuel has been selected by the DMSB as the official Cross Car fuel for the 2021, and engine testing are running soon on the dyno in Germany.

Testing experience: In the next weeks we will be able to learn more about this fuel on the engines of the German Cross Car.

Power Level: medium

Enclosed are also the full specifications of our P1 fuels