



ROTAX OWNER ASSISTANCE NETWORK
Information Education Support
www.rotax-owner.com

Avgas and Autogas mixing

For the Rotax 912/914 series engines Avgas and Autogas can be mixed together in any ratio; this is done primarily to increase the octane rating of Autogas.

Method:

-100LL has a minimum motor octane of 104

-Regular automotive gasoline (87 AKI) has a minimum MON (motor octane number) of 82.5

You can get a fairly close guess of the octane number by multiplying the MON by the percentage of that fuel in the mixture.

EXAMPLE 1:

50% 100LL and 50% Regular

$(104 \times .5) + (82.5 \times .5) = 93.25$ MON (rough approximation)

EXAMPLE 2:

75% Regular with 25% 100LL

$(104 \times .25) + (82.5 \times .75) = 87.8$

The fuel retailer will be able to supply the MON number of the fuel you are purchasing.