



## **Octane Boosters in general/Fuel additives during DE**

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In Response To: Fuel additives during DE (arthur)

Gentlemen:

We do not recommend the regular use of Octane Boosters for three reasons:

1) Non-homogenous mixture. Unless you mix the boosting product in a large container very well, you cannot be assured that every pound of fuel flowing into the engine will be consistent and this is one of the prime reasons to use better fuel in the first place.

2) Chemical content and side effects. Truly effective octane boosters containing Aniline were banned a few years ago by the EPA as being deadly. The only ones that have been found to work that are readily available are 104 Octane Boost and one of the BG Boosters. Both products contain (among other things), Manganese salts that really coat the plugs and combustion chambers with thick reddish residue. Not good at all and very difficult to read the plugs and find out EXACTLY what goes on inside that engine. Unleaded Race gas has no such problems.

3)Very limited effectiveness and very high cost-per-point of improvement. Needless to say, these products are not cheap when used in the volume required for a worthwhile increase in MON rating. Unleaded race gas is a MUCH better bang-for-the-buck even at \$ 5.00/gallon!. Adding enough of this stuff really makes a mess of the internals, as indicated above.

I'd like to add that simply pouring some Toluene and Zylene might help a little but will make short work of all the little rubber o-rings, seals, and gaskets in the fuel system, as well,..... :)

That said, sometimes fueling mistakes happen at gas stations when the wrong product is dispensed into the car for whatever reasons and carrying a bottle of 104+ to pour in there for these types of emergencies will prevent damage.

Now,...using Techron during DE events for the purpose of cleaning out the carbon buildups on the valves and fuel injectors is a capital idea. Its not an octane improving product but its a great way to have some fun, learn something new, and do your car a favor, simultaneously.

Hope this answers your questions,

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Steve Weiner  
Rennsport Systems