

UNDER THE HOOD

WITH THE MOTOR MEDICS

Hello,
My question has to do with diesel fuel additives. Main question is what brand do you recommend to use in the winter so fuel does not jell. I have Howes and Power Service available here. Have been using power service. I have 3 diesel pickups and 3 diesel tractors. Secondly would you also use an additive in the summer for better performance or lubrication? Thanks, Fran

Thank you for contacting us Fran. We appreciate your interest in the Under The Hood Show and the Motor Medics. We recommend and use Justice Brothers fuel additives exclusively in all of our company and personal vehicles.

Diesel fuel will start to "gel" or freeze at about 32 degrees F. depending on different factors of the fuel. We recommend using

an antigel when the temperature will reach 32 or less.

There are two types of Diesel fuel available in the winter, #1 and #2 Number one diesel Fuel will not gel as fast but also will not make as much power or give you the mileage of number two.

The best way to prevent a failure is to use number two with the proper amount of additive. Not all additives work as well as Justice Brothers so you may need to add much more to the number two fuel when using other brands to get the same result.

If there is no additive to be found you can mix a 50/50 blend of number one and two to help prevent freezing but get the additive in the tank as soon as possible.

In 2007 Diesel fuel changed. The sulphur content was lower dramatically to help clean up our air. When this happened

vehicles older than 2007 suffered from lack of lubrication due to the lubricating properties of the sulphur being removed. 2007 and newer vehicles are also slightly affected as well.

To keep the injection system from being damaged by the low sulphur fuel use an additive year round. Many supplements are available to choose from but the key is to use one of them. When you use an additive in the summer choose one that boosts Cetane to increase your power and mileage.

Thank you again for your interest in the Motor Medics. Take care, Russ...

Advice given by the Motor Medics is for use as a guide to repair. Always check with your favorite repair shop for verification. The motor medics have been operating a repair shop and answering questions on the air for 19 years. Russ is an ASE Master Certified Technician with extensive dealer and after-market training. Shannon is an ASE Certified Parts Specialist with more than 30 years in the automotive world. You can ask a question of The Motor Medics by going to help@underthehoodshow.com we will answer your question on line and you may see it appear in this publication. The Under The Hood Show can be heard each week on local stations with coverage reaching 7 states and on www.underthehoodshow.com. Go to Underthehoodshow.com to find one near you.



with Shannon Nordstrom and Russ "The Super Tech" Evans

Thursdays at 10 a.m. - AM 1320 KELO
Live on the web at www.underthehoodshow.com