

Marketing Bulletin #MB 2059, May 2003

GM Approval of Stanadyne Performance Formula®

“Information on Diesel Fuel Additives”, GM Bulletin # 03-06-04-017; March 13, 2003

General Motors has recently issued the above bulletin concerning the use of diesel fuel additives.

In this bulletin, GM recommends both Stanadyne and Racor diesel fuel additives for use in GM diesel engines to help address the problems associated with water in fuel. The bulletin refers to two different “technologies” to help remove water: Demulsification (a proven technology used by Stanadyne and Racor); and Emulsification (adopted by many other brands, often using alcohol).

Both Stanadyne and Racor additives deal with water in fuel by demulsifying, or coalescing it (making the water form larger droplets), which enable a Fuel Filter/Water Separator to more effectively remove the water properly. GM is adamant that water should not reach the pump or injectors in their diesel engines, especially the Duramax engine. Water can cause serious damage to any diesel fuel system, including rust, excessive wear, microbial contamination etc.

However, IT SHOULD NOT BE INFERRED THAT THE STANADYNE AND RACOR ADDITIVES ARE THE SAME OR EQUAL - THEY ARE NOT!

Information on the features and benefits of Stanadyne Performance Formula® and Racor Conditioner Plus can be obtained from literature or various web sites.

Stanadyne Performance Formula® is a multi function, all season product. It is engineered and designed to deal with any fuel related problems including * Cold weather waxing & pour point * Cetane * Lubricity * Water (demulsifier & anti-freeze) * Cleaner * Corrosion Inhibitor * Anti-Oxidant.

Racor Conditioner Plus+ states that it addresses fuel related problems such as, *Cetane * Lubricity * Water (demulsifier) * Cleaner * Stabilizer * It does not address cold weather problems or corrosion/oxidization.

For cold weather operation Racor suggests adding Racor Winter Plus+. A Racor user will have to add and mix both Racor products in order to get benefits approaching Stanadyne Performance Formula. Even then, the improvement to performance may not be the same, as the Racor product has less active cetane improver than Stanadyne Performance Formula.

Summary:

Clearly, the most comprehensive, multi-function diesel fuel additive available is Stanadyne Performance Formula. It is the only additive that addresses virtually any diesel fuel-related problem with one product, and is the only one that is:

- Made by a fuel injection equipment manufacturer.
- Approved by several OEMs.
- Proven to perform best in independent testing.

For more information, or to request literature, please call Stanadyne Power Products Division, 1 800 842 2496, or visit our website at www.stanadyne.com

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