



PARTS ALERT

TO:

Dealer Principals  
General Managers  
Parts Managers

BULLETIN: PA-2016-019  
DATE: 02-22-16  
EXP: NONE

Hino Trucks reserves the right to make changes, including change in price, content, description, terms, time period, etc. at any time without notice.

**STANADYNE**  
**FUEL ADDITIVES NOW AVAILABLE**  
**PROTECT YOUR INVESTMENT AND IMPROVE FUEL ECONOMY**

**SALE offering 5% Off Now - April 30<sup>th</sup> 2016**

**Hino Trucks is pleased to release another product line offered by Diesel Injection Services - the Stanadyne Fuel Additive program.**



The heart of your engine is its fuel injection equipment and the major enemy of this equipment is poor quality fuel. Poor quality fuel can cause performance issues, premature wear, gumming of components and plugged filters. To resolve this issues and to provide protection of the fuel injections system Stanadyne offers a variety of diesel and gasoline additive for every application and operating condition.

**Protect YOUR Investment and Improve Fuel Economy** – Testing has shown an average fuel economy improvement between 3% - 4% and in some cases as high as 10% (actual savings vary and are dependent on fuel quality, driving conditions, engine age and driving habits).

Which formula is right for you? Check out this quick video to decide:

<http://stanadyneadditives.com/stanadyne-additives-videos/>

Check out the Performance Formula Fuel Savings Calculator

<http://stanadyneadditives.com/>

**How to order?**

- Place your direct ship order with Hino using the DCS system
- For your convenience Stanadyne orders can be mixed and matched with Av-Tekk and Diesel USA products to achieve free freight (orders of \$3500.00 or more) [http://dieselusa.com/stanadyne\\_additives.html](http://dieselusa.com/stanadyne_additives.html)

Stanadyne Fuel Additives comply with federal low sulfur content requirements for use in diesel motor vehicles and non-road engines.

All the additives meet all engine fuel system requirements and will not harm exhaust after treatment systems such as Diesel Particulate Filters (DPF) or Selective Catalytic Reduction (SCR) systems.

Safety data sheets:

<http://stanadyneadditives.com/quality-and-iso/msds-main/>



Hino Trucks National PDC  
Phone: (866) 372-4466 | Fax: (662) 342-5151  
E-Mail: [helpdesk@hino.com](mailto:helpdesk@hino.com)

## Vendor:

## Diesel Injection Services

**Vendor Information** Diesel Injection Service Co., Inc. is a leading supplier of diesel fuel injection equipment, turbochargers, and related engine accessories and is the product of a family business founded in 1950. The DieselUSA Group is an industry leader in the supplying of Garrett turbochargers, Alliant Power fuel injectors, and Delphi fuel injectors.

**Customer Service & Technical Support** Hino Parts Support Phone: 866-372-4466  
Hino Parts Support Email: [helpdesk@hino.com](mailto:helpdesk@hino.com)  
Hino Parts Support Fax: 662-342-3939  
Diesel Injection Service Co. Phone: 866-651-7800  
Diesel Injection Service Co. Web: [www.dieselusa.com](http://www.dieselusa.com)  
Diesel Injection Service Co. Fax: 800-933-3432  
Diesel Injection Service Co. Email: [hino@dieselusa.com](mailto:hino@dieselusa.com)

**Order Procedures:** All orders are to be placed through the Hino Dealer Connect System (DCS). For special orders or for customer support contact Vendor directly via phone number.

**Stock Orders** Enter orders in DCS Screen DC202 under Sales Type "S". All direct ship items will be shipped from a local Vendor PDC.

**Emergency Orders** Emergency orders may be entered into DCS screen DC202 as a Sales Type "E" or "V". All emergency orders will be processed with a "Rush" order. Freight and Handling fees will be identified on the Hino invoice.

**Minimum Order Quantity** There is **no minimum** order requirement on emergency or stock orders.

**Freight Policy:** Turbocharger and injector orders not meeting the prepaid freight requirement will have the freight pre-paid and added to the dealers invoice. Please see the freight index below for unit freight costs. All orders are shipped from Louisville, KY or Fontana, CA unless otherwise specified. All orders will be shipped via ground freight or the most efficient method.

| Turbochargers |             |               | Injectors   |               |
|---------------|-------------|---------------|-------------|---------------|
| Freight Each  | QTY Ordered | Total Freight | QTY Ordered | Total Freight |
| \$24.00       | 1           | \$24.00       | 1-7         | \$22.00       |
| \$24.00       | 2           | \$48.00       | 8-15        | \$28.00       |
| \$24.00       | 3           | \$72.00       | 16+         | \$33.00       |
| \$24.00       | 4           | \$96.00       |             |               |
| \$20.00       | 5           | \$100.00      |             |               |

**Air freight shipments dealer pays based on weight**

**Air freight shipments dealer pays based on weight**

**Free Freight Policy:** All stock orders meeting or exceeding \$3500 will receive prepaid free freight. NOTE: Stanadyne orders can be mixed and matched with Av-Tekk and Diesel USA products to achieve free freight.

**Order Fulfillment Policy:** The standard order processing time is 3-7 business days from date of order placement

**Part Number Pricing:** Pricing will be available on-line in the Hino DCS system. In addition, the prices will be forwarded to your service bureaus within two weeks of each pricing update.

**Format:** Standard Part numbers are pre-fixed with "DI-" and all spaces have been removed.

**Mega Fleet:** All-Makes parts are not included in the Hino Mega Fleet pricing file but should be sold to Mega Fleet customers and filed as Miscellaneous Items in Corcentric when submitting for reimbursement.

**Warranty:** Please view Supplier warranty documents as warranty varies based on item. Contact Supplier directly.

**Returns:** Contact Supplier directly to obtain a Return Goods Authorization code by phone number or email address listed above. All returned items MUST have prior approval and the Return Goods Authorization (RGA) marked on the outside of the box. RGAs have an expiration date of sixty (60) days; after sixty (60) days the return will become null and void. All returns are subject to a 25% or greater restocking fee. Will not authorize any returns that are not properly packaged or in the original packaging. No credit will be issued for product that has been damaged, altered, or installed on equipment. The customer is responsible for all freight charges on the returned merchandise. Special order items or non stock items are not returnable.

**Shipping Inspection and Damaged Product:** All merchandise should be inspected upon arrival and carrier damage claims should be filed with the carrier immediately. We are not responsible for, nor are we in a position to make a claim after the freight carrier accepts the shipment from us. For excess stock returns, contact the Supplier directly.

**Turbo Cross Reference:** [www.garrett.honeywell.com](http://www.garrett.honeywell.com)

**Injector Cross Reference:** [www.holsetcatalogue.cummins.com/holsetcatalogue/Catalogue.action](http://www.holsetcatalogue.cummins.com/holsetcatalogue/Catalogue.action)

**Conclusion:** Diesel Injection Service Company, Inc. provides Hino dealer with an original equipment source for All-Makes turbo technology as well as Delphi fuel injectors for Mid-range to heavy duty Class 8 truck applications. Additionally, the Alliant Power product line will aggressively serve your out of warranty customers by providing high quality products for the light duty to mid-range truck market.

| Part #     | Description                                  | Pkg Qty |
|------------|----------------------------------------------|---------|
| DI-CL38577 | Gasoline Additive- 8 oz.                     | 24      |
| DI-CL38559 | Lubricity Formula- 8 oz.                     | 24      |
| DI-CL38560 | Lubricity Formula-16 oz.                     | 12      |
| DI-CL38561 | Lubricity Formula- 64 oz.                    | 6       |
| DI-CL38562 | Lubricity Formula- 5 gallons                 | 1       |
| DI-CL38563 | Lubricity Formula- 55 gallons                | 1       |
| DI-CL38564 | PerformanceFormula- 8 oz.                    | 24      |
| DI-CL38565 | Performance Formula- 16 oz.                  | 12      |
| DI-CL38566 | Performance Formula- 64 oz.                  | 6       |
| DI-CL38567 | Performance Formula- 5 gallons               | 1       |
| DI-CL38568 | Performance Formula- 55 gallons              | 1       |
| DI-CL38574 | Winter 1000- 16 oz.                          | 12      |
| DI-CL38575 | Winter 1000- 5 gallons                       | 1       |
| DI-CL38576 | Winter 1000- 55 gallons                      | 1       |
| DI-CL43562 | Injector Cleaner- 8 oz.                      | 24      |
| DI-CL43564 | Injector Cleaner- 16 oz.                     | 12      |
| DI-CL43566 | Injector Cleaner- 32 oz.                     | 12      |
| DI-CL43568 | Perf. Formula Warm Weather Blend- 8 oz.      | 24      |
| DI-CL43570 | Perf. Formula Warm Weather Blend- 16 oz.     | 12      |
| DI-CL43572 | Perf. Formula Warm Weather Blend- 64 oz.     | 6       |
| DI-CL43573 | Perf. Formula Warm Weather Blend- 55 gallons | 1       |
| DI-CL43574 | Perf. Formula Warm Weather Blend- 5 gallons  | 1       |



# Stanadyne Performance Formula<sup>®</sup>

## Diesel Fuel Additive



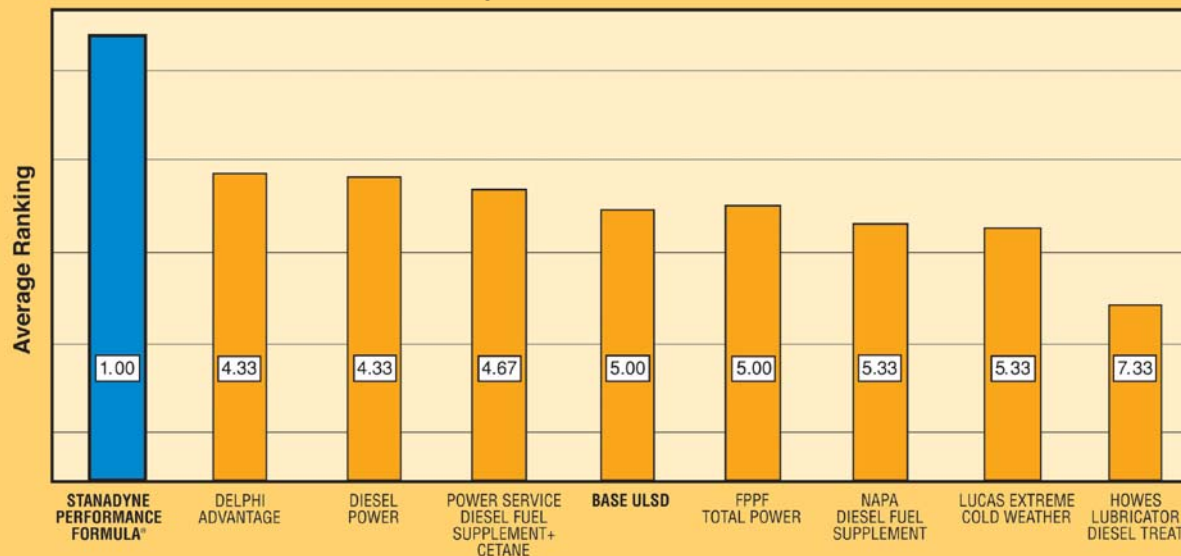
Stanadyne fuel additives are a brand of CLARCOR Engine Mobile Solutions.

### Our Performance Formula Additives are:

- Developed by a Fuel System Manufacturer
- Have been proven to perform best in independent tests
- Are Suitable for use with all diesel engines
- Are formulated for all types of on or off-road diesel fuels including Ultra Low Sulfur Diesel (ULSD) and Bio Diesel (up to B20)
- Can be used with all fuel injection system types (High Pressure Common Rail, Unit Injectors, Rotary Pumps and In-Line Pumps)
- Safe for use with exhaust Aftertreatment systems.

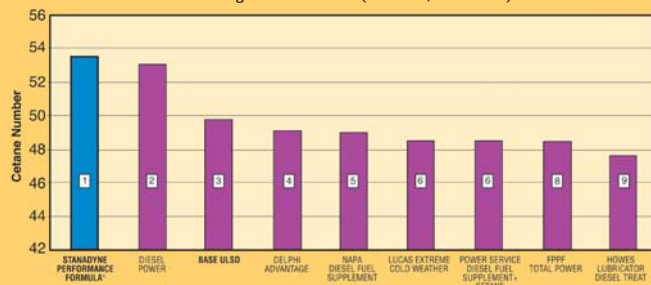
### OVERALL AVERAGE RANKING

Ranking number in box (1 is Best, 9 is Worst)



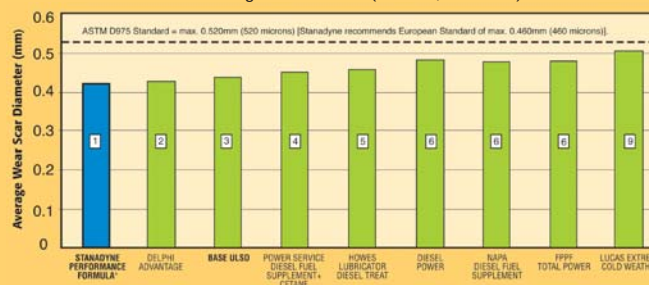
### CETANE NUMBER CHANGE

Higher Cetane Number is Better  
Ranking number in box (1 is Best, 9 is Worst)



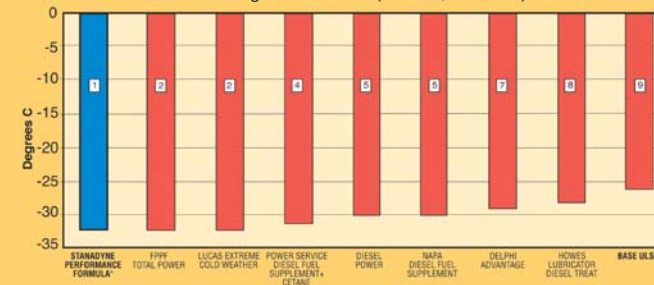
### AVERAGE WEAR SCAR (HFRR TEST)

Lower Wear Scar Diameter is Better (Less Wear)  
Ranking number in box (1 is Best, 9 is Worst)



### COLD FILTER PLUG POINT REDUCTION

Lower CFPP Temperature is Better  
Ranking number in box (1 is Best, 9 is Worst)



STANADYNE DIESEL FUEL ADDITIVES COMPLY WITH FEDERAL LOW SULFUR REQUIREMENTS FOR USE IN DIESEL MOTOR VEHICLES AND NONROAD ENGINES

**CLARCOR**  
Engine Mobile Solutions



# PROTECT YOUR INVESTMENT



## PERFORMANCE FORMULA® INJECTOR CLEANER

Improve and Restore Engine Performance and fuel economy with Stanadyne Performance Formula® Injector Cleaner.

Your diesel is a major investment. Protect its expensive fuel injection system with Stanadyne Performance Formula® Injector Cleaner from CLARCOR. This premium additive will thoroughly clean and protect your injection system from harmful deposits with a one Tank Clean-Up and periodic use.

### Performance Formula Injector Cleaner ...

- *Eliminates and Prevents Internal Diesel Injector Deposits (IDID) that build up in High Pressure Common Rail Injectors*
- *Helps the engine start faster and run smoother*
- *Restores Horsepower & Torque*
- *Improves fuel economy*

For maximum protection, use Performance Formula® All Season or Warm Weather Blend with every fill-up.

[stanadyneadditives.com](http://stanadyneadditives.com)

# STANADYNE®

Stanadyne Fuel Additives are a brand of CLARCOR Engine Mobile Solutions



## Improved Fuel Economy with Restored Performance

Performance Formula®, the premium all-season additive from CLARCOR Engine Mobile Solutions, improves fuel economy 4% on average and as high as 9.6% – *saving your fleet on fuel costs – all year long.*

### Performance Formula® All Season –

- Improves fuel economy and restores engine performance
- Cleans and lubricates your engine's fuel system
- Improves cetane for improved starting and smoother running
- Helps prevent fuel gelling in cold weather

**For ultimate protection** use Performance Formula Injector-Cleaner periodically. Find locations to buy Stanadyne diesel fuel additives on our website: [stanadyneadditives.com](http://stanadyneadditives.com).



# STANADYNE™

Stanadyne Fuel Additives are a brand of CLARCOR Engine Mobile Solutions



## Restore engine performance and fuel economy with Stanadyne fuel additives.

We offer the most technologically advanced diesel & gasoline fuel additives in the industry. Our complete line provides year-round protection for all diesel and gas-powered vehicles. Keep your engine running at peak efficiency and performance with premium diesel & gasoline additives from CLARCOR Engine Mobile Solutions.

### Stanadyne Diesel & Gasoline Additives will:

- *Restore and improve horsepower and torque*
- *Improve engine fuel economy*
- *Clean, lubricate and protect the engine's fuel system*
- *Help the engine start faster and run smoother*

Learn more about Stanadyne additives at: [stanadyneadditives.com](http://stanadyneadditives.com)

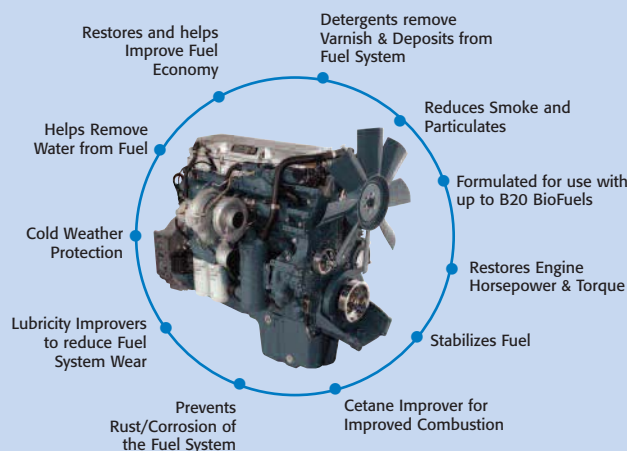
# STANADYNE™

Stanadyne Fuel Additives are a brand of CLARCOR Engine Mobile Solutions

## Performance with Savings

Performance Formula<sup>®</sup>, as its name implies, improves engine performance and fuel economy. It achieves this by the detergents in the chemistry that clean the fuel injection system along with the cetane improver, which results in easier starting, less smoke and more complete combustion. The net result is more horsepower, torque and increased economy. Regular use of Stanadyne Performance Formula will more than pay for itself.

Testing has shown that loss of engine horsepower, torque and fuel economy caused by Internal Diesel Injector Deposits (IDID) can be restored back to original factory specifications by using PF Injector Cleaner on a periodic basis.



## Remember . . .

Our Performance Formula Additives are:

- Developed by a Fuel System Manufacturer
- Suitable for use with all diesel engines
- Formulated for all types of on- or off-road diesel fuels including Ultra Low Sulfur Diesel (ULSD) and Bio Diesel (up to B20)
- Used with all fuel injection system types (High Pressure Common Rail, Unit Injectors, Rotary Pumps and In-Line Pumps)
- Safe for use with exhaust aftertreatment systems

For all diesel products and services contact:



Stanadyne Fuel Additives is a brand of CLARCOR Inc. or its affiliates

**STANADYNE**<sup>™</sup>  
Fuel Additives

**STANADYNE**<sup>™</sup>  
Fuel Additives

## Performance Formula<sup>®</sup> Diesel Fuel Additives



**Improve Fuel Economy  
and  
Restore Engine Performance**

Additional information about the complete line of Stanadyne Diesel Fuel Additives can be found on our website at [www.stanadyneadditives.com](http://www.stanadyneadditives.com)



## Performance Formula<sup>®</sup> All Season



Performance Formula was developed by one of the premier leaders in the fuel injection equipment industry. Their 50-plus years of fuel injection system and engine experience inspired the development of fuel additives to provide the utmost protection of any fuel injection system, while simultaneously restoring the performance of the engine. Performance Formula has been developed to prevent various fuel related issues as well as keeping the engine and it's fuel injection system operating at peak performance. Performance Formula "All Season Protection" is formulated for year round protection where the seasonality of warm and cold weather is present.

The benefits include:

- Detergents to clean and protect the fuel system from deposits resulting in increased horsepower, torque and improved economy
- Lubricates fuel system components to help prevent wear caused by low lubricity fuels
- Cetane improver to improve combustion resulting in better starting, running and reduced engine noise
- Helps demulsify water so that the water separator can work more effectively
- Corrosion inhibitors to prevent rust/corrosion from forming on fuel system components
- Reduces smoke and particulates
- Stabilizes fuel by protecting against the formation of gums caused by oxidation
- Provides cold weather protection by reducing the fuel pour point up to 40°F (22°C)\*

*\*Note: Cold weather protection only available in Performance Formula All Season*

## Performance Formula<sup>®</sup> Warm Weather



Performance Formula "Warm Weather Blend" is formulated to provide the same benefits as Performance Formula All Season Protection (Blue Label) except it does not provide the cold weather protection. Performance Formula Warm Weather Blend should be used whenever ambient temperatures are above 40°F (4°C). Remember.... to achieve maximum benefits, additives should be used all year, not just during the cold winter months. For ultimate warm weather protection against fuel related issues, use Performance Formula Warm Weather Blend.

| Part Number | Description  | Size            | Treatment 1:500         |
|-------------|--------------|-----------------|-------------------------|
| 38564       | All Season   | 8 oz. (237 ml)  | 30 gal. (114 L)         |
| 38565       | All Season   | 16 oz. (473 ml) | 60 gal. (227 L)         |
| 38566       | All Season   | 64 oz. (1.9 L)  | 250 gal. (946 L)        |
| 38567       | All Season   | 5 gal. (19 L)   | 2,500 gal. (9,500 L)    |
| 38568       | All Season   | 55 gal. (208 L) | 27,500 gal. (104,000 L) |
| 43568       | Warm Weather | 8 oz. (237 ml)  | 30 gal. (114 L)         |
| 43570       | Warm Weather | 16 oz. (473 ml) | 60 gal. (227 L)         |
| 43572       | Warm Weather | 64 oz. (1.9 L)  | 250 gal. (946 L)        |
| 43574       | Warm Weather | 5 gal. (19 L)   | 2,500 gal. (9,500 L)    |
| 43573       | Warm Weather | 55 gal. (208 L) | 27,500 gal. (104,000 L) |

## Performance Formula<sup>®</sup> Injector Cleaner



Performance Formula Injector Cleaner is formulated to prevent and eliminate Internal Diesel Injector Deposits (IDID) commonly found in Common Rail and other type of injectors. These deposits affect injector performance, which results in various engine related issues. Performance Formula Injector Cleaner is a "One Tank" clean-up of concentrated detergents designed to eliminate and prevent internal and external deposits from forming on injectors. The result is restored engine performance, increased horsepower and improved fuel economy.

Other benefits and recommendations:

- Lubricates fuel system components to help prevent wear caused by low lubricity fuels
- Cetane improver to improve combustion resulting in better starting, smoother running and reduced engine noise
- Use 4-6 times per year as preventive maintenance or when engine performance issues arise

| Part Number | Description      | Size            | Treatment 1:400  |
|-------------|------------------|-----------------|------------------|
| 43562       | Injector Cleaner | 8 oz. (237 ml)  | 25 gal. (95 L)   |
| 43564       | Injector Cleaner | 16 oz. (473 ml) | 50 gal. (189 L)  |
| 43566       | Injector Cleaner | 32 oz. (946 ml) | 100 gal. (379 L) |

## Performance Formula® Warm Weather Blend



Formulated to provide the same benefits as Performance Formula All Season Protection (Blue Label) except without cold weather protection. Performance Formula Warm Weather Blend is recommended when ambient temperatures are above 40°F (4°C).

- Contains detergents that clean & protect the fuel system from deposits resulting in increased horsepower, torque and improved economy
- Lubricates fuel system components to help prevent wear caused by low lubricity fuels
- Cetane improver improves combustion resulting in better starting, running and reduced engine noise
- Demulsifies water for more effective water separation
- Corrosion inhibitors prevents rust/corrosion from forming on fuel system components
- Reduces smoke and particulates
- Stabilizes fuel by protecting against the formation of gums caused by oxidation

| Size                 | 8 oz<br>(237 ml)   | 16 oz Pint<br>(473 ml) | 64 oz<br>(1.9 L)    | 5 Gallons<br>(19 L)     | 55 Gallons<br>(208 L)      |
|----------------------|--------------------|------------------------|---------------------|-------------------------|----------------------------|
| Part Number          | 43568              | 43570                  | 43572               | 43574                   | 43573                      |
| Package Quantity     | 24/case            | 12/case                | 6/case              | 1                       | 1                          |
| Treatment<br>(1:500) | 30 gal.<br>(114 L) | 60 gal.<br>(227 L)     | 250 gal.<br>(946 L) | 2,500 gal.<br>(9,500 L) | 27,500 gal.<br>(104,000 L) |

## Performance Formula® Injector Cleaner



Performance Formula Injector Cleaner is formulated to prevent and eliminate Internal Diesel Injector Deposits (IDID) commonly found in Common Rail and other type of injectors. These deposits affect injector performance, which results in various engine related issues.

Performance Formula Injector Cleaner is a "One Tank" clean-up of concentrated detergents designed to eliminate and prevent internal and external deposits from forming on injectors. The result is restored engine performance, increased horsepower, and improved fuel economy.

### Other benefits and recommendations:

- Lubricates fuel system components to help prevent wear
- Cetane improver to improve combustion resulting in better starting, smoother running, and reduced engine noise
- Cleans and protects injectors and all fuel systems components
- Use 4-6 times per year as preventive maintenance or when engine performance issues arise

| Size                 | 8 oz<br>(237 ml)  | 16 oz Pint<br>(473 ml) | 32 oz<br>(946 ml)   |
|----------------------|-------------------|------------------------|---------------------|
| Part Number          | 43562             | 43564                  | 43566               |
| Package Quantity     | 24/case           | 12/case                | 12/case             |
| Treatment<br>(1:400) | 25 gal.<br>(95 L) | 50 gal.<br>(189 L)     | 100 gal.<br>(379 L) |

## Lubricity Formula®



Extra-strength lubricity improver for use with very dry or "winter blend" fuels such as jet fuel, kerosene or #1 diesel.

- Five times more lubricating content than other Stanadyne additives
- Recommended when excessive wear is a problem
- Demulsifies water for filter/separator efficiency
- Fights formation of corrosion and rust
- Keeps fuel fresher
- Contains no alcohol

| Size                  | 8 oz<br>(237 ml)  | 16 oz Pint<br>(473 ml) | 64 oz<br>(1.9 L)      | 5 Gallons<br>(19 L)      | 55 Gallons<br>(208 L)      |
|-----------------------|-------------------|------------------------|-----------------------|--------------------------|----------------------------|
| Part Number           | 38559*            | 38560                  | 38561                 | 38562                    | 38563                      |
| Package Quantity      | 24                | 12                     | 6                     | 1                        | 1                          |
| Treatment<br>(1:1000) | 15 gal.<br>(57 L) | 125 gal.<br>(473 L)    | 500 gal.<br>(1,900 L) | 5,000 gal.<br>(19,000 L) | 55,000 gal.<br>(208,000 L) |

\*Special formulation ratio for 8 oz. application.

## Winter 1000®



Economic cold weather protection to prevent fuel gelling

- Fuel Gelling Protection – pour point reduced by as much as 40°F (22°C), depending on base fuel
- Reduces ice formation of water in fuel
- Contains no alcohol

| Size                  | 16 oz Pint<br>(473 ml) | 64 oz<br>(1.9 L)      | 5 Gallons<br>(19 L)      | 55 Gallons<br>(208 L)      |
|-----------------------|------------------------|-----------------------|--------------------------|----------------------------|
| Part Number           | 38574                  | 45697                 | 38575                    | 38576                      |
| Package Quantity      | 12                     | 6                     | 1                        | 1                          |
| Treatment<br>(1:1000) | 125 gal.<br>(473 L)    | 500 gal.<br>(1,900 L) | 5,000 gal.<br>(19,000 L) | 55,000 gal.<br>(208,000 L) |

# Diesel Fuel Additives

|                                                                                                                                | PERFORMANCE<br>FORMULA®<br>ALL SEASON | PERFORMANCE<br>FORMULA®<br>WARM WEATHER<br>BLEND | PERFORMANCE<br>FORMULA®<br>INJECTOR<br>CLEANER | LUBRICITY<br>FORMULA® | WINTER 1000®<br>FORMULA |
|--------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|--------------------------------------------------|------------------------------------------------|-----------------------|-------------------------|
| <b>Cetane Improver</b><br>Improves combustion, reduces emissions, faster start-ups, smoother idling and acceleration           | ●                                     | ●                                                | ●                                              |                       |                         |
| <b>Detergent</b><br>Cleans existing deposits and prevents additional build-up                                                  | ●                                     | ●                                                | ●                                              | ●                     |                         |
| <b>Deposit Modifier</b><br>Softens hard deposits allowing for their removal. Exceeds Cummins L10 test for cleanliness          | ●                                     | ●                                                | ●                                              | ●                     |                         |
| <b>Lubricant</b><br>Coats internal parts of fuel system to allow better fuel flow and less friction                            | ●                                     | ●                                                | ●                                              | ●                     |                         |
| <b>Corrosion Inhibitor</b><br>Protects fuel injection parts from rust and corrosion                                            | ●                                     | ●                                                | ●                                              | ●                     |                         |
| <b>Water Demulsifier</b><br>Causes water to come out of emulsion/suspension so Filter/Separator can remove it                  | ●                                     | ●                                                |                                                | ●                     |                         |
| <b>Stabilizer</b><br>Fights formation of gums caused by oxidation                                                              | ●                                     | ●                                                | ●                                              | ●                     |                         |
| <b>Alcohol-Free</b><br>Avoids harmful corrosion and accelerated wear caused by alcohol use                                     | ●                                     | ●                                                | ●                                              | ●                     | ●                       |
| <b>Wax Modifier - Pour Point Depressant</b><br>Lowers temperature at which fuel will pour by up to 40°F (22°C)                 | ●                                     |                                                  |                                                |                       | ●                       |
| <b>Wax Dispersant</b><br>Keeps wax crystals evenly distributed                                                                 | ●                                     |                                                  |                                                |                       | ●                       |
| <b>Freeze Depressant</b><br>Lowers freeze-point of water in fuel                                                               | ●                                     |                                                  |                                                |                       | ●                       |
| <b>Highly Concentrated Lubricant</b><br>For use in fuels with reduced lubricating properties                                   |                                       |                                                  |                                                | ●                     |                         |
| <b>Compatible with all Diesel Fuels</b><br>For use with ultra low sulfur diesel and bio diesel (up to B20, or 20% bio content) | ●                                     | ●                                                | ●                                              | ●                     | ●                       |
| <b>Treatment Ratio</b>                                                                                                         | 1:500                                 | 1:500                                            | 1:400                                          | 1:1000                | 1:1000                  |