

# Fleet & Diesel *Chemical Program*



*The name says it all!*

[www.dealersppm.com](http://www.dealersppm.com)

**720-471-2453**



**Herm (Brock) Brocksmith**

*Owner / Operator*

*Dealer Profitability Advocate*

Thank you for the opportunity to submit this information for your Fleet & Diesel chemical needs.

Dealer's Choice is the Colorado distributor for Petra Auto Products, a Texas based manufacturer of top quality, industry leading, automotive & fleet chemicals. Petra has OEM relationships with Stellantis-MOPAR, Toyota, Hyundai, Audi, Honda, Volkswagen, and many other OEMs, Fleet & Commercial organizations, automotive & truck dealers, and dealer groups across the country through its network of distributors.

At Dealer's Choice, we love the automotive business and it shows! Our founding principles include:

**Kaizen** – We value Continuous Improvement in everything we do and strive to be proactive creating positive outcomes for ourselves, our clients, and our client's customers.

**Collaboration** – We extensively work with our clients, our distribution partners, our vendors, and our people leveraging the power of collaboration providing world class business relationships and ideas to make our mutual business better while at the same time ensuring confidentiality.

**Communication** – We actively listen providing accurate and timely communication and follow-up so that our clients can make sound business decisions.

**Integrity** – We believe there is no substitute for integrity, regardless of the situation.

**Value** – We deliver value in many ways by making a difference in the lives of those we touch directly and indirectly.

As you review the following pages of information, please feel free to ask any and all questions you may have.

Once again, thank you for the opportunity to be of service to you.

**Dealer's Choice Group, LLC**  
**Herm (Brock) Brocksmith**  
**General Manager / Operating Partner**

# Fleet & Diesel & Heavy Duty Chemical Products

Below and on the following pages are a sample offering of the more than 365 chemical products available through Petra Automotive Products and Dealer's Choice.

## Product Highlights – TDS & Specification Sheets Follow

- #1007 Engine Shield for Gasoline Engines
- #1008 Diesel Max Oil Conditioner
- #1011B HD Oil System Cleaner
- #2001 Fuel Power for Gasoline Engines
- #2011 Fuel Power II for Gasoline Engines
- #3003G Diesel EGR Cleaner
- #3004 Diesel EGR Rinse
- #3005 Diesel Fuel Power II
- #52003B Universal Global Synthetic ATF
- #6006 Brake Cleaner II
- #6412 DOT 4 Synthetic Brake Fluid
- #8002 XGC Extreme Gear Concentrate
- #9029 Petra Tire Seal – Prevents Tire Punctures from Nails & Screws

## Pre-Packaged Oil Change Kits & Fuel System Cleaning Kits

- #1700 HD Premium 2-Part Diesel Oil Change Kit
- #1800 HD Premium 3-Part Diesel Oil Change Kit II
- #2100 Fuel System Cleaning Kit - Gasoline
- #3300 Major Diesel EGR Cleaning & Injector Cleaning Kit

## Major Chemical Categories

- Premium Oil System Services
- Fuel System Service
- Transmission Service
- Differential Service
- Brake System Service
- Cooling System Service
- Power Steering Service
- Battery Service



## Product Highlight:

**3005 Diesel Power II**  
**FLEET FUEL SYSTEM MONTHLY REPLACEMENT COST IN ONE YEAR**

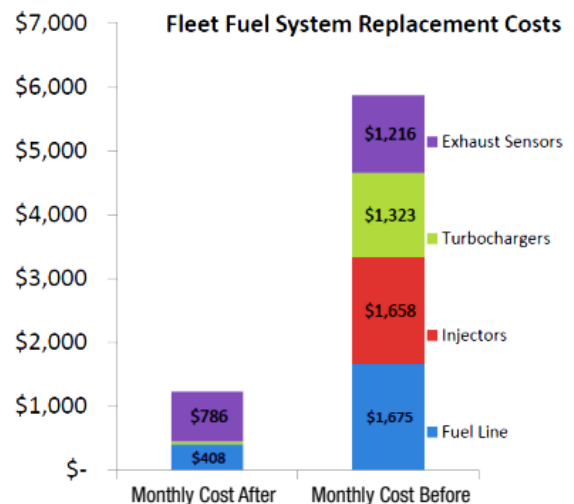
**>75%**  
 REDUCTION IN REPLACEMENT COSTS FOR FUEL LINES, INJECTION AND TURBOCHARGERS.

**>30%**  
 REDUCTION IN EXHAUST SENSOR REPLACEMENT COSTS.

*Petra Diesel Fuel Power II* is a multi-functional middle distillate fuel additive that recovers lost power, increases cetane number, prevents filter plugging, prevents sludging, and cleans injectors in newer model-year vehicles operating high pressure fuel injectors. Through extensive OEM engine testing and commercial application in heavy-duty diesel engine fleets, including on-road vehicle fleets and heavy-duty mining equipment, *Diesel Fuel Power II has proven effective in all diesel fuels and biodiesel blends.*

### Benefits

- *Increases* cetane up to 6 numbers
- *Reduces* cost of maintenance and downtime
- Injector “*Clean-up*” and “*Keep Clean*” capabilities
- *Prevents* fuel soot and sludge formation caused by thermal stressing within the engine, extending fuel filter, injector, lube oil, and fuel pump life
- *Restores* lost horsepower and fuel economy
- *Reduces* exhaust emissions and soot generation, thereby reducing DPF regenerations
- *Provides* thermal and oxidative stability, lubricity, corrosion protection, and water dispersancy



# Petra Engine Shield

PN 1007 12 FL OZ (355 mL), 100755 54 GL (204 L)

## Technical Data Sheet



### Product Description:

Modern passenger cars and trucks are equipped with high-performance gasoline direct-injection (GDI) engines, turbocharging, and advanced electronics to squeeze out every bit of power, fuel economy, and emissions performance possible. This places unique and new demands on engine oil and demands different types of protection than previous oil specifications. Petra's Engine Shield has been formulated with these new needs in mind, featuring a rebalanced/boosted detergent/dispersant system, enhanced level of soot and wear control, and unique thermal/oxidation Inhibitors to protect turbochargers.

### Features and Benefits:

- New formula optimized for Gasoline Direct Injection-Turbocharged (GDIT) engines
- Boosts detergent/dispersant capabilities of all engine oils and controls soot, a major contributor to timing chain wear
- Fortifies thermal/oxidation resistance, especially critical for turbochargers
- Enhances antiwear properties of engine oil
- Compatible with conventional, semi-synthetic, and full synthetic engine oils

### Formulated to:

- Protect against low-speed pre-ignition (LSPI)
- Prevent turbocharger deposits that can lead to loss of boost pressure
- Minimize timing chain wear resulting from soot in oil
- Ensure backward compatibility with older, conventional multiport fuel injection (MPFI) engines

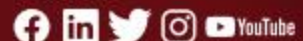


Typical Properties	
Appearance	Light brown oil
Color, ASTM D1500	6.5
Density, g/ml @68°F(20°C)	0.8788
Pounds per Gallon	7.32
Viscosity, cSt@100°C	6.94
Viscosity, cSt@40°C	41.70



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TDS1007 REV010824

# Petra Diesel Max Oil Conditioner

PN 1008 (12 FL OZ/355ml) | PN 100832 (32 FL OZ/946 mL)

## Technical Data Sheet



### Product Description:

Petra Diesel Max Oil Conditioner is formulated to boost diesel engine oil protection to reduce wear, corrosion, friction, soot thickening, and oxidation. With modern diesel engines, the emission control and after treatment systems place a much higher demand on the engine oil, especially soot loading. Effects of soot loading can be seen in terms of oil thickening, increased wear of bearings, cams, and rings and can shorten the life of the engine. Petra Diesel Max contains powerful dispersants, detergents, antiwear agents, and oxidation inhibitors to increase oil performance and maximize the life of the engine.

### Features and Benefits:

- Compatible with all diesel engine oils, both conventional and synthetic
- Provides an uptreat of a balanced API CK-4 additive package
- Contains additional additives to enhance oxidation and wear protection
- Reduces the effect of soot-induced oil thickening, including maintaining proper oil viscosity
- Protects against oil aeration and loss of hydraulic functions
- Neutralizes acids and reduces corrosion

### Recommended Treat Rate:

- 1008 12 FL OZ treats up to 8 qt (7.6 L) systems
- 100832 32 FL OZ treats up to 20 qt (18.9 L) systems



Typical Properties	
Appearance	light brown oil
Color, ASTM D1500	3.0
Density, g/ml @68°F(20°C)	0.8789
Pounds per Gallon	7.32
Viscosity, cSt@100°C	12.7
Viscosity, cSt@40°C	119
TBN, ASTM D4739	13.0



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TDS1008 REV101723

# Petra HD Oil System Cleaner

## PN 1011B (12oz) Specification Sheet



### Product Description:

Petra HD Oil System Cleaner is an extreme formulation designed to fight through tough carbon deposits, sludge, varnish and help clean gum-like substances that may be clogging rings. When all other oil cleaners fail, Petra HD is formulated to prevail. This heavy duty formula is designed to help restore the compression of your vehicle's engine.

### Advantages & Uses:

- For the toughest of sludge formulation
- Dissolves sludge and varnish
- Helps clean rings
- Helps restore compression

### Features:

- 12 oz metal container
- Easy to pour
- Dissolves hard to remove sludge deposits
- Cleans varnish build up
- Formulated to restore fuel economy



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SS 1011B REV102418

# Petra Fuel Power

PN 2001 12 FL OZ (355 mL)

## Technical Data Sheet



### Product Description:

Deposits can accumulate in gasoline-powered engines due to low quality or unadditized fuels and from certain types of driving patterns. This can lead to poor drivability, loss of power, lowered fuel economy, engine "rap" or other noises, dirty fuel system, decreased acceleration and exhaust valve sticking. Petra Fuel Power can prevent and eliminate these problems. Petra Fuel Power is specifically formulated to address these problems by removing engine deposits, restore flow to fuel injectors and increase power and performance. It also aids in reducing emissions, is catalytic converter and oxygen sensor safe and helps improve fuel economy. This product is a combination of industry leading polyetheramine and polyisobutylene amine chemistry to provide an economy clean-up and keep clean product.

### Claims:

- One tank cleanup of carburetors, port fuel injectors, and direct injectors.
- One tank cleanup of intake valves and ports.
- One tank cleanup of combustion chamber deposits.
- Provides corrosion protection.
- Removes intake valve stem gum.
- Chlorine free carrier fluids.

### Advantages & Uses:

- Helps remove engine deposits.
- Helps restore flow to fuel injectors.
- Helps increase engine power and performance.

### Features:

- Helps reduce emissions.
- Helps improve power.
- Helps improve drivability by reducing surging, stumbling, hesitation, stalling, and rough idling.
- Helps improve acceleration.
- Helps protect against rust and corrosion.
- Catalytic converter and oxygen sensor safe.
- Improves fuel economy.



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TDS2001 REV010524



# Petra Fuel Power II

PN2011 12 FL OZ (355 mL)  
Technical Data Sheet



## Product Description:

Modern passenger cars and trucks are equipped with high-performance gasoline direct-injection (GDI) engines, turbocharging, and advanced electronics to squeeze out every bit of power, fuel economy, and emissions performance possible. Today's gasoline is generally not up to the thermal and oxidative stress of the modern fuel system, resulting in deposits that can quickly (<10K miles) rob the engine of the original power, fuel economy, and emissions performance. GDI fuel systems have different needs and appetite for fuel additives than the Port Fuel Injection (PFI) engines they replaced. Petra Fuel Power uniquely addresses those needs with the most advanced technology in the market. However, we've taken our technology to the next level by incorporating not only the most advanced detergent chemistry in the market, but also through the addition of surface-active chemistry to impart additional benefit through friction modification that results in significant horsepower, acceleration, and fuel economy improvement.

## Features and Benefits:

- Advanced technology optimized for Gasoline-Direct-Injection (GDI) engines.
- Provides fast, one-tank complete fuel system clean-up.
- Improves horsepower by up to 8.6%, acceleration up to 6.5%, and fuel economy by up to 4.6%\*
- Cleans critical to performance elements of GDI engines (injectors, cylinder heads, and piston tops) as well as injectors, intake valves, and combustion chamber in conventional PFI engines.
- Restores power, fuel economy, and emissions to designed levels.
- Protects fuel system components from corrosion and scoring (injectors).
  - Increases antiwear performance up to 50%
- Safe for all sensors and emission system components (e.g., catalytic converter).
- Will not cause engine sludge or oil thickening.

## Typical Properties:

Color	Yellow
Density, g/ml @68°F(20°C)	0.8931
Pounds per Gallon	7.44
Flash Point, PMCC	168°F (75.5°C)
Basic Nitrogen, %wt.	0.33%

\*Using FTP-75 duty cycle



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# Petra Diesel EGR Cleaner

PN 3003G5 (4.56G) | PN 3003G (127oz)

Specification Sheet



## Product Description:

Petra Diesel EGR Cleaner is a concentrated cleaner/degreaser designed to effectively clean and remove soot, carbon deposits from EGR valve, cooler, in-take, catalytic converter and DPF filter.

## Advantages & Uses:

- Water based cleaner
- Helps remove soot and hard deposits from the EGR valve, EGR cooler, DPF and intake manifold.
- Helps restore fuel economy, lowers exhaust opacity and harmful emissions.
- No danger of knocking or "run away" engine.
- Avoid costly tear-down of EGR manifold system.
- Avoid replacement of contaminated EGR cooler and valve.



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SS 3003G5 REV031218

# Petra Diesel EGR Rinse

PN 3004G5 (4.56G), PN 3004 (32oz)

## Technical Data Sheet



### Product Description:

Petra Diesel EGR Rinse is a rinse product with a rust inhibitor designed to effectively clean and remove any residual cleaner, from EGR valve, cooler, in-take, catalytic converter and DPF filter. This will not harm the catalytic converter, DPF filter or any sensors when used according to suggested procedure.

### Advantages & Uses:

- Water based RINSE to be used after Petra EGR Cleaner PN 3003G5 & 3003 to remove any residue cleaning deposits and to coat metal surfaces with a rust inhibitor.



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TDS3004 REV092923

# Petra Diesel Fuel Power II

PN3005 12 FL OZ (355 mL)

## Technical Data Sheet



### Product Description:

Petra Diesel Fuel Power II is a multifunctional middle distillate fuel additive that recovers lost power, increases cetane number, prevents filter plugging, prevents sludging, and cleans injectors in newer model-year vehicles operating high pressure fuel injectors. Through extensive OEM engine testing and commercial application in heavy-duty diesel engine fleets, including on-road vehicle fleets and heavy-duty mining equipment, Diesel Fuel Power II has proven effective in all diesel fuels and biodiesel blends.

### Features and Benefits:

Petra Diesel Fuel Power II delivers the following performance benefits in all diesel engines:

- Increases cetane up to 6 numbers
- Reduces cost of maintenance and downtime
- Injector "Clean-up" and "Keep Clean" capabilities
- Prevents fuel soot and sludge formation caused by thermal stressing within the engine, extending fuel filter, injector, lube oil, and fuel pump life
- Restores lost horsepower and fuel economy
- Reduces exhaust emissions and soot generation, thereby reducing DPF regenerations
- Provides thermal and oxidative stability, lubricity, corrosion protection, and water dispersancy

### Recommended Treat Rate Range:

- One 12 Fl Oz (355 mL) bottle treats up to 50 gallons (189 L)

### 40CFR80.591 Compliance Statement:

The sulfur content of this diesel fuel additive does not exceed 15 ppm. This is a LEGAL DIESEL® Fuel Additive product.



### Typical Properties

Appearance	Clear Yellow Liquid
Specific Gravity, 60/60°F (15.6/15.6°C)	0.8968
Density, lb/gal, 60°F, (15.6°C)	7.47
Flash Point, PMCC, °F (°C)	>130 (>54)



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TDS3005 REV010824

# Petra Universal Full Synthetic ATF Fluid

PN 52003B (3 Gal) | 52032 (32 FL. OZ.) | 52055B (55 Gal)

## Technical Data Sheet



### Product Description:

Petra Universal Full Synthetic ATF is a premium full synthetic automatic transmission fluid formulated for use in a wide variety of vehicles.

### Features and Benefits

Advantages offered by Petra Universal Full Synthetic ATF over conventional transmission fluids are:

- Long fluid life and long transmission life
- Exceptional oxidation stability and resistance to chemical deterioration
- Excellent flow properties at low start-up temperatures and high operating temperatures
- Excellent lubricating characteristics for quiet operation, smooth shifting, and excellent wear protection
- Excellent viscosity stability (high viscosity index) to help assure adequate lubrication without excessive thinning in severe high-temperature service or thickening at low starting temperatures
- Dependable protection against rust and corrosion
- Excellent elastomer compatibility to ensure long seal life (gaskets and o-rings)

\* Backward compatibility for many OEM specifications

\* Superior anti-shudder performance



Typical Properties	Value
Density, 15.6C, g/cm3, ASTM D4052	0.85
Pour Point, °C, ASTM D97	-48
Flash Point, Cleveland Open Cup, °C, ASTM D92	218
Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	33.0
Kinematic Viscosity @ 100 C, mm2/s, ASTM D445	6.4
Viscosity Index, ASTM D2270	149



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# Petra Non-Chlorinated Brake Cleaner II

PN 6006 (14oz) Specification Sheet



## Product Description:

Petra Non-Chlorinated Brake Cleaner is a blend of high power, fast-acting, clean-drying solvents that help remove grease, oil, brake and hydraulic fluid and other contaminants. Petra Non-Chlorinated Brake Cleaner exhibits high solvency for brake fluid, oil, grease and dust beyond the capacity of regular petroleum solvents. The aerosol spray helps dislodge surface dirt and oil. The special formulation works effectively, dries fast and evaporates completely. For use on brake parts, linings, drums, rotors, calipers, springs, backing plates, cylinders, brake shoes, disc brake pads, clutches and CV joints. Works without disassembly. It is an all around degreaser and may also be used on clutch discs and pressure plates, electric motors, switches and contacts, with vanilla scent.

## Advantages & Uses:

- Helps clean fast and dries quickly without leaving residue.
- Helps degrease instantly.
- Works without disassembly.
- High power spray.

## Features:

- Safe for use on all brake systems.
- Helps instantly remove brake fluid, grease, oil, and brake dust.
- Helps flush oil, dirt and carbon from electric motors.
- Powerful aerosol assists cleaning action.
- Vanilla scent.



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SS 6006 REV080819

# Petra Synthetic DOT 4 Brake Fluid

PN 6412 (12 FL OZ) | PN 6432 (32oz)

## Technical Data Sheet



### Product Description:

Petra Synthetic DOT 4 Brake Fluid is formulated as a premium quality borate ester based fluid. It is engineered for all disc and drum type brake systems which call for DOT 4 or DOT 3 performance. This premium quality product exceeds the requirements of most domestic and import OEMs.

### Advantages & Uses:

Petra Synthetic DOT 4 Brake Fluid is especially suitable for modern vehicles and the thermal demands put on brake fluids – increasing operation temperatures due to front wheel drive and aerodynamic body designs which reduce airflow.

### Features:

- Minimum dry boiling point exceeds 465° F
- Minimum wet boiling point exceeds 311° F
- Meets FMVSS 116, SAE J-1704 and SAE J-1703
- Compatible with rubber components
- Prevents seal hardening or softening



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TDS6412-32 REV101123

# Petra XTreme Gear Concentrate (XGC)

PN 8002 8 FL OZ (236.5 mL)

## Technical Data Sheet



### Product Description:

Modern hypoid rear axles in light and medium duty trucks are perhaps one of the most severe lubrication applications. Extremely high contact pressures and high sliding speeds between the primary reduction gears (ring/pinion), especially under towing conditions demand high levels of extreme pressure (EP) and antiwear (AW) additives in the gear oil. As well, the ability to protect differential gears and components during cornering and/or operating in mud or other spin-out conditions demand maximum protection from the gear lubricant. Many of these applications also have limited slip differentials which requires the appropriate type, and level, of friction modifier to prevent chatter. Petra XTreme Gear Concentrate XGC is formulated with premium base oils, extreme pressure additives, and friction modifiers to raise the performance of even high-quality synthetic gear oils to provide added protection against gear wear, increase the load carrying capacity of the fluid, and to prevent chatter in limited slip differentials.

### Features and Benefits:

- Increases EP/AW protection with premium, thermally stable package
- Boosts friction modifier level
- Boosts load carrying capacity, critical in towing applications
- Enhances differential protection in spin-out conditions
- Helps control axle temperature in high load conditions
- Protects against limited slip chatter

### Use Instructions:

Add one 8 FL OZ (236.5 mL) bottle to axles up to 2.5 quarts (2.3L) during differential fluid service or as a top-off to reduce/eliminate limited slip diff chatter. If axle fluid capacity is above 2.5 quarts, use two (2) 8 FL OZ bottles.

**MAX  
TOWING  
PROTECTION**



Typical Properties	
Appearance	light brown oil
Color, ASTM D1500	3.0
Density, g/ml @68°F(20°C)	0.8725
Pounds per Gallon	7.27
Viscosity, cSt@100°	13.9
Viscosity, cSt@40°C	138



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TDS8002 REV12292023



# Petra Tire Seal

PN 9029 5 US Gallons (18.9 L)

## Technical Data Sheet



### Product Description:

Petra Tire Seal is a proprietary formula made and especially developed for passenger cars, SUV's, light trucks, vans, off-road, heavy duty trucks, and military applications. The specialized formula coats the inside of the tire tread and will never dry out. The formula contains corrosion inhibitors that help prevent rust on wheels and rims. TPMS Friendly, permanently seals punctures and prevents flat tires, Non-flammable, Non-toxic, Cleans up with water, Does not freeze.

### Advantages & Uses:

- Prevents flats from nails & screws
- Tire Pressure Monitor Safe
- Extends Tire Life
- Improves Run-Flat Protection
- Water Based
- Non-Toxic
- Helps Balance Tire

### Features:

- Lab & road tested
- Puncture proof
- Eco-Friendly & Non-Toxic
- Quickly Installs in minutes
- Fully insured & guaranteed
- Highly density synthesis formula



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