

SHELL ROTELLA™ DEF

Diesel Exhaust Fluid



Shell Rotella™ DEF Diesel Exhaust Fluid is formulated to work with Tier 4 Selective Catalytic Reduction (SCR) emission systems designed to reduce the nitrogen oxides (NOx) emissions. Along with diesel particulate filters, these systems help produce cleaner burning diesel engines ever produced. **Shell Rotella™ DEF Diesel Exhaust Fluid** is a high purity DEF meeting the stringent requirements of ISO 22241 (AUS 32) for use in most 2010 and later on-road diesel trucks, cars and a growing number of off-road and stationary diesel engines as emissions reduction deadlines approach. **Shell Rotella™ DEF Diesel Exhaust Fluid** conforms to manufacturing standards and certification requirements for API Certified Diesel Exhaust Fluid. This high quality is required by equipment manufacturers for the performance of their emission systems requiring DEF.

- For use in all SCR emission control systems
- Meets ISO 22241 and API certifications
- Non-toxic, and colorless
- Non-flammable, and non-polluting

Storage and Handling DEF is designed to breakdown at elevated temperatures. Industry standard requirements specify storage between 23° F (-5° C) to 86° F (30° C) for maximum shelf life. The box housing the DEF bottle helps prevent exposure to sunlight and other UV light, also helping to maintain shelf life. DEF is typically made with a shelf life up to 2 years from the time of manufacture. Signs of problems in storage will include crystals forming in containers, pressurization of sealed bottles or loss in volume.

Useage Rate Diesel exhaust fluid usage will depend on the fuel usage, load of the vehicle, and the level of emissions the engine design naturally produces. A usage rate of 1-2% of diesel fuel use is expected. The EPA requirements for diesel exhaust fluid systems in light duty is a minimum of 4,000 miles between fill up of tank. Light duty car manufacturers often target DEF fill up with oil change with diesel pickups about every 5,000 to 7,000 miles.

Shell Rotella™ DEF IS AVAILABLE IN 2.5-GALLON CASES, 55-GALLON DRUMS AND 275-GALLON TOTES
DO NOT ADD TO FUEL TANK. DO NOT MIX WITH DIESEL FUEL.
Shell Rotella™ DEF IS READY TO USE. DO NOT ADD WATER

SHIPPING INFORMATION	JUG	DRUM	TOTE
Item Number	12923	Coming Soon	Coming Soon
Package Quantity	1 x 2.5 Gallon	4 x 55 Gallon	1x 275 Gallon
Package Dimensions	9.75" x 8" x 12.25"	23.5" x 34.5"	40" x 48" x 46"
Gross Container Weight	≈ 24 Pounds	≈ 550 Pounds	≈ 2636 Pounds
Gross Weight on Pallet	≈ 2357 Pounds	≈ 2225 Pounds	≈ 2636 Pounds
Quantity per Pallet	96	4	1
Pallet Dimensions	40" x 48" x 54.5"	40" x 48" x 54.5"	40" x 48" x 54.5"
UPC Code	059934909484	Coming Soon	Coming Soon

TECHNICAL INFORMATION	
Fluid Color	Clear
Urea	32.5%
Delonized Water	67.5%
pH	9.0-10.0
Usage Rate	2%



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