



Oil RX • D-1600



Use with Motor Magic™ EFX 601

Diesel Oil System Service

- Cleans internal diesel engine oil surfaces in 40 minutes
- Measures oil pump pressure
- Performs flow check of oil pump and screen
- Connects to engine in less than 2 minutes
- Operates on shop air pressure — requires no electrical connection
- Adapters available for every model diesel engine
- Air flush feature purges residual solution/oil from engine
- Pre-lube feature eliminates dry starts and protects engine
- Helps fleets manage & control maintenance costs
- Expand your service menu with profitable new service



EFX 601 OIL SYSTEM CLEANER

- Removes Sludge & Varnish
- Increases Engine Life
- Restores Power & Performance
- Saves on Gasoline
- Improves Compression
- Reduces Emissions



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The Benefits of Oil Rx

The Oil RX service restores compression and performance to diesel engines by removing combustion by-products, sludge and wear materials that accumulate in an engine's oil system. This service dissolves and flushes out ring groove deposits that rob a diesel engine of compression and power. It also removes engine sludge that reduces oil flow, lubrication, and increases engine friction and heat. Sludge build-up causes engine performance to deteriorate, and in extreme cases may cause an engine to seize. Diagnostic capabilities incorporated into the Oil RX machine also enable a technician to perform a flow check of the oil system pump and screen.

How It Works

The 20 -minute service for diesel engines starts by connecting the Oil Rx Machine to shop air. Vehicle specific adapters housed on the machine are then connected to the engine's oil filter port. The engine is then started. While the engine is idling, a mixture of cleaning solution and motor oil is circulated through the engine's entire lubricating system. This includes all oil-wetted surfaces including the engine valve covers, valve train, and crankcase sidewalls. For diesel vehicles, one US Quart of EFX -601 cleaning solution mixes with engine oil and circulates through the machine's filter about 4 to 5 times per minute.

The EFX-601 solution dissolves sludge and other contaminants. Heavier contaminants—wear metals and gasket particles—are flushed into the oil pan. The dissolved contaminants are removed from the engine by the 5-micron filter that is part of the cleaning system. The 5-micron filter is replaced after each service is performed. The engine oil is drained at the completion of the cleaning cycle. The service includes an air flush of the oil system which forces left over motor oil and cleaning solution out the oil drain plug opening. A timer sounds when the service is complete.

Depending on engine size, design, and level of contamination (*mileage*), approximately 4 ounces of EFX - 601 solution is used per engine cylinder during the cleaning process. EFX -601 is a powerful fuel detergent that is safe for all automotive applications. It has no adverse effect on engine seals or gaskets. Leaving a small amount of EFX-601 in the engine is actually beneficial as it contains a seal rejuvenator and oil conditioner. MSDS sheets are enclosed with shipping documents and may be obtained on request.

Recommended Service Interval

Oil Rx is recommended every 100,000 miles or 1 year, whichever comes first. Also service when your vehicle has any of the following systems: lack of power, rough idle, poor throttle response, and increased fuel consumption. If your vehicle failed an emissions test for excessive exhaust emissions (*smoke*) a fuel and oil system cleaning is also recommended.

Diagnostic Capabilities

- Pressure check of the oil pump
- Flow check of oil pump and screen

Technical Specifications

Power Supply: 12 v

Circuit Protection: 15 Amp circuit breaker

Hoses: Quick coupling, high volume hytron hoses

Solution Reservoir: 5-gallon tank

Pressure Gage: Reads to 100 PSI (7 BAR)

Flow Meter: Digital

Filter: 5-micron

Filter Bowl: 10"

Adapters: Included for most engines

Shipping Dimensions – 42" high, x 20" wide x 20" deep

Shipping Weight – 100 lbs. (45.5 kilos).

Cabinet – Power Coated Metal

Cleaning Cycle: 20 minutes

Warranty: 2 year limited warranty

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