

***Did you know there are  
over 2 million vehicles on the road  
that may require DPF service  
in the next 12 months?***



- *OEM tested*
- *Dealer Recommended*

## **OTC 5280 Diesel Particulate Filter Cleaner**

The Diesel Particulate Filter (DPF) Cleaner was designed with shop service in mind. The cleaning process allows the DPF to be cleaned as part of a general maintenance schedule at the service location with minimal time away from the vehicle. It's portability allows the unit to be placed as close to the vehicle as possible and to be stored wherever needed in the service facility.



# OTC 5280 Diesel Particulate Filter Cleaner



## OEM Recommended DPF Cleaning Intervals

<b>C-15, C-13</b> <b>C-9, C-7</b>	<b>CATERPILLAR</b> 150,000 miles/4500 hours for on highway truck application. 80,000 miles/2400 hours for severe service application.
<b>ISB, ISC</b> <b>ISM, ISX</b>	<b>CUMMINS</b> 200,000 Miles/6500 hours
<b>J05DT, J08EU</b>	<b>UD TRUCKS</b> <b>(with Hino Engine)</b> 200,000 Miles
<b>4HK1-TC</b> <b>6HK1-TC</b>	<b>ISUZU</b> 150,000 miles/4500 hours

## Return On Investment (ROI)

The OTC 5280 DPF Filter Cleaner pays for itself in as few as 45 filter cleanings. <sup>(1)</sup>

Everything else is pure profit!

Avg. Price for Cleaning (without Oven): <sup>(2)</sup>	\$450
Est. Price for 5280 DPF Cleaner: <sup>(2)</sup>	\$20,000

**Number of Cleanings to pay for unit: 45**

Avg. Price for Cleaning (with Oven): <sup>(2)</sup>	\$500
Est. Price for 5280 DPF Cleaner & 5281 Oven: <sup>(2)</sup>	\$28,000

**Number of Cleanings to pay for both units: 56**

(1) Based on estimated street price of 5280 and estimated avg. price per DPF cleaning.

(2) Actual market prices will vary.

# OTC 5280 Diesel Particulate Filter Cleaner

## DPF Cleaner Features

- OE tested and Dealer recommended – By many major diesel engine manufacturers.
- Robust design – For long shop life. Can be used as part of a preventative maintenance program.
- High Pressure cleaning process for thorough cleaning of ash from DPF – produces 10 times the burst energy of competitive low pressure units.
- Initial Burst Quick check – To identify filters too plugged for proper cleaning.
- Movable with locking wheels – For placement throughout the shop.
- Computer Controlled Process Based on OE Requirements – for “Start to End” cleaning without constant technician monitoring.
- Containment of hazardous ash – For easy disposal.
- HEPA Filter Air Exhaust System – To exceed environmental air standards for shop.
- Operates on standard 115V outlet.
- Proven to clean to over 92% efficiency. <sup>(3)</sup>

(3) Third-party OEM test results using pin gauge measurement with approved SPX adapters and burst cycles. Actual results may vary.

## DPF Cleaner Part Numbers:

**No. 5280** OTC Diesel Particulate Filter (DPF) Cleaner

Includes the following items:

- No. 535936** Small Cone
- No. 543887** Medium Cone
- No. 543885** Large Cone
- No. 553913** CAT Adapters
- No. 553915** Cummins Adapters



535936



543887



543885

Upgrade kits for other OEM's are sold separately:

- No. 556889** Detroit Diesel Upgrade Kit
- No. 553990** UD TRUCK (with Hino Engine) Upgrade Kit
- No. 553991** Isuzu Upgrade Kit
- No. 553993** Volvo Upgrade Kit
- No. 558181** Navistar Upgrade Kit



5280

# DPF Thermal Processing Unit & Filter Handler

The 5281 DPF Thermal Processing Unit is a device which will thermally regenerate a DPF unit at a controlled, pre-programmed rate.

Sometimes, the DPF cannot be regenerated on the truck due to a failure with the vehicle's own regeneration system, or in the case of retrofit applications, a lack of an on-vehicle regeneration system. Thermal regeneration of DPFs is used in conjunction with the OTC 5280 DPF Cleaner, and maximizes the cleaning efficiency of the cleaner.

## 5281 – OTC DPF Thermal Processing Unit

Designed to facilitate the cleaning of dirty filters – especially those with high amounts of wet soot, and unburned hydrocarbons.

- Pre-programmed thermal profile controls temperature 'ramp up' and 'cool down' to protect DPF from thermal shock, reducing the risk of DPF cracking.
- Holds temperature constant for two hours to ensure complete regeneration of filter.
- Built-in safety door lock and electronic door switch prevent unauthorized opening of the door when temperatures exceed 200 degrees F.
- Large chamber accommodates various DPF sizes and shapes. Front access door allows for easy access to the thermal chamber.
- Internal chamber dimension: 24" (L) x 24" (W) x 26" (H).



## J-47399 – Horizontal DPF Handler

- The Universal mounting assembly adjusts, front to back and side to side for easy DPF handling
- The height range of 6-1/2" to 29-1/2" is usable for most of today's trucks
- Safety strap holds the load securely while moving about the shop
- Size allows for handling of all known DPF's

### Specifications:

Overall Length: 34-1/2"

Overall Width: 19-3/8"

Max. Height: 29-3/4"

Min. Height: 7-1/2"

Side: 30°

Tilt Front: 15°

Back: 15°



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800.533.6127

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