

# Global Diesel Particulate Filter (DPF) Market Survey and Trend Research 2018

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## Abstracts

### Summary

Diesel particulate filters (DPF) are devices that physically capture diesel particulates to prevent their release to the atmosphere. Diesel particulate filter materials have been developed that show impressive filtration efficiencies, in excess of 90%, as well as good mechanical and thermal durability. Diesel particulate filters have become the most effective technology for the control of diesel particulate emissions—including particle mass and numbers—with high efficiencies. Due to the particle deposition mechanisms in these devices, filters are most effective in controlling the solid fraction of diesel particulates, including elemental carbon (soot) and the related black smoke emission. Filters may have limited effectiveness, or be totally ineffective, in controlling non-solid fractions of PM emissions—SOF and sulfate particulates. To control total PM emissions, DPF systems are likely to incorporate additional functional components targeting the SOF—typically oxidation catalysts—while ultra low sulfur fuels may be required to control sulfate particulates. Diesel particulate filter is most widely used in automobile field e.g. light- and heavy-duty road going diesel- powered vehicles and for off-road diesel engines. And buses and cars

This report describes the development of the industry by upstream & downstream, industry overall and development, key companies, as well as type segment & market application and so on, and makes a scientific prediction for the development industry prospects on the basis of analysis, finally, analyzes opportunities for investment in the industry at the end of the report.

### Industry Chain

Raw Materials

Cost

Technology

Consumer Preference

Industry Overall:

History

Development & Trend

Market Competition

Trade Overview

Policy

Region (North America, Europe, Asia-Pacific, South America, Middle East, Africa):

Regional Market

Production Development

Sales

Regional Trade

Regional Forecast

Company (Delphi, Tenneco, Freudenberg Filtration, Denso, Johnson Matthey, Johnson Matthey, Weifu, SPMC, MANN+HUMMEL, EEC, NGK Insulators, Dinex, Donaldso, ESW Group, Eminox, Bosal, HJS Emission Technology, Huangdi, Sinocat Environmental Technology, HUSS, DCL, Clean Diesel, RYPOS etc.):

Company Profile

Product & Service

Business Operation Data

Market Share

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