

Fluid Control Advancements for Conventional & Electrified Vehicles

Increasing System Value Through Pumps & Valves

26
Fluid Pump and Valve
Technology Segments

90 Supply Chain Participants

OEM Vehicle
Benchmarks

150+
Data Exhibits

Conventional & Electrified Powertrains

- Architectures
- Application Solutions

Technology Analysis

- Innovations
- Trends
- Value Propositions

2020 - 2030 Horizon

Pumps and Valves for Coolant,
Oil and Refrigerant

Market Analysis

- Growth and Shares
- China, Europe, Japan,
 North America & Korea)

Business Opportunities

- Priorities
- Targets

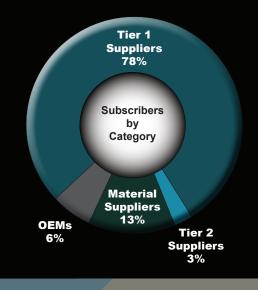
Report Interviews by Company Region

North America 30%

China 28%

Other Asia 13%

Europe 29%



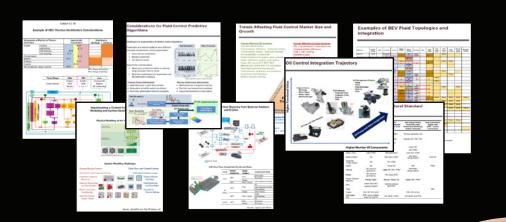
5Powertrain
Types

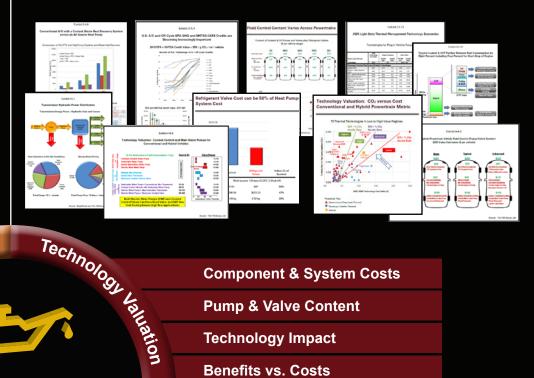
Patent Trend
Areas

Technology and
Business Interviews

450+

Report Pages





Electrification Strategies

Functional Consolidation

Hardware & Software

System Design Innovation

Market Size & Growth

Competitive Market Shares

Vehicle Benchmarks

Supply Chain and Company Profiles

Component & System Costs

Pump & Valve Content

Technology Impact

Benefits vs. Costs

Roadmaps

Technology Landscapes

Pump & Valve Designs

Patent Innovation Areas



