

# **Antifreeze Market Analysis, By Product (Ethylene Glycol, Propylene Glycol, Glycerin), By Technology (OAT, IAT, HOAT), By Application (Automotive, Aerospace, Industrial) And Segment Forecasts, 2014 - 2025**

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## **Abstracts**

The global antifreeze market is expected to reach USD 8.76 billion by 2025, according to a new report by Grand View Research, Inc. Growing automotive sector in emerging economies including China, India, Indonesia, South Korea and Mexico is expected to drive market demand.

Rising concerns in protecting automotive engines and radiators against overheating, freezing and corrosion is expected to drive the demand for antifreeze. Increasing demand for passenger cars & light weight commercial vehicles in China & India coupled with favorable government policies on automotive development and manufacturing is expected to create immense market potential.

Organic acid technology (OAT) accounted for over 51% of the global volume share in 2016. High demand for coolants based on minimally depleting carboxylate technology as substitutes for conventional antifreeze based on silicates, nitrates, phosphates and amines is expected to translate into rapid industry growth over the forecast period.

Aerospace accounted for the second largest application sector. Growing commercial aerospace subsector coupled with increasing defense budgets by countries including UK, Middle Eastern Countries, Japan, France, India and China will promote industry growth.

Further key findings from the report suggest:

*Antifreeze Market Analysis, By Product (Ethylene Glycol, Propylene Glycol, Glycerin), By Technology (OAT, IAT,...*

Ethylene Glycol based antifreeze were the dominant product segment and accounted for 54.7% of the total market share in 2016 owing to increasing usage in deicing, prevention of radiator overheating and protection against radiator freezing.

Asia Pacific accounted for the largest share in 2016 and is anticipated to show substantial growth considering increasing demand for passenger cars and light commercial vehicles mainly in China and India.

The European aerospace market is expected to witness the maximum growth owing to the immense investments made in aerospace R&D and presence of abundant players in countries including Germany, France, UK, Sweden and Poland.

In March 2015, Rechochem launched HD diesel coolants for high heat engines. The company plans on expanding its existent diesel coolant product line by introducing new products using the RECO Blue technology so as to meet the demand and product specifications.

The industrial heat transfer and cooling system on HVAC equipment market is expected to grow significantly over the forecast period owing to the increasing demand in end use industries including residential, industrial, commercial and automotive. This will drive the demand for antifreeze in HVAC equipment.

Stringent regulatory framework regarding antifreeze disposal & recycling has compelled manufacturers to adopt environment-friendly, sustainable materials & products in the automotive industry.

The presence of major players in the market including Royal Dutch Shell, ExxonMobil Corporation, Chevron Philips Corporation, Sinopec, Total S.A., Kost USA, Motul, Ashland Corporation, British Petroleum PLC., Lukoil, Petronas, BASF, Duetsche Pentosin and SONAX is expected to augment industry size.

## Contents

### CHAPTER 1 METHODOLOGY & SCOPE

- 1.1 Research Methodology
- 1.2 Research Scope & Assumptions
- 1.3 List of Data Sources
- 1.4 List of Abbreviations

### CHAPTER 2 EXECUTIVE SUMMARY

- 2.1 Market Snapshot

### CHAPTER 3 ANTIFREEZE MARKET VARIABLES, TRENDS & SCOPE

- 3.1 Market segmentation & scope
- 3.2 Antifreeze market key opportunities prioritized
- 3.3 Antifreeze market value chain analysis
- 3.4 Raw material outlook
  - 3.4.1 Ethylene Glycol
  - 3.4.2 Propylene Glycols
  - 3.4.3 Glycerin
- 3.5 Technology overview
  - 3.5.1 Recent/key innovations in application segment
- 3.6 Regulatory framework
- 3.7 Anti-freeze market dynamics
  - 3.7.1 Market driver analysis
    - 3.7.1.1 Growing demand in automotive industry
  - 3.7.2 Market restraint analysis
    - 3.7.2.1 Environmental regulations and stringent international laws
- 3.8 Antifreeze market Porter's analysis
- 3.9 Antifreeze market PESTEL analysis

### CHAPTER 4 ANTIFREEZE MARKET: PRODUCT ESTIMATES & TREND ANALYSIS

- 4.1 Product Movement Analysis & Market Share, 2016 & 2025
- 4.2 Ethylene Glycol based Antifreeze
- 4.3 Ethylene Glycol based Antifreeze market estimates and forecasts 2014 - 2025  
(Million Gallons) (USD Million)

4.3.1 Market estimates and forecasts, by region, 2014 - 2025 (Million Gallons) (USD Million)

4.4 Propylene Glycol based Antifreeze

4.4.1 Market estimates and forecasts, 2014 - 2025 (Million Gallons) (USD Million)

4.4.2 Market estimates and forecasts, by region, 2014 - 2025 (Million Gallons) (USD Million)

4.5 Glycerin based Antifreeze

4.5.1 Market estimates and forecasts 2014 - 2025 (Million Gallons) (USD Million)

4.5.2 Market estimates and forecasts, by region, 2014 - 2025 (Million Gallons) (USD Million)

## **CHAPTER 5 ANTIFREEZE MARKET: TECHNOLOGY & TREND ANALYSIS**

5.1 Technology Analysis & Market Share, 2016 & 2025

5.2 Organic Acid Technology Antifreeze (OAT)

5.2.1 Market estimates and forecasts, 2014 - 2025 (Million Gallons) (USD Million)

5.2.2 Market estimates and forecasts, by region, 2014 - 2025 (Million Gallons) (USD Million)

5.3 Inorganic Acid Technology Antifreeze (IAT)

5.3.1 Market estimates and forecasts, 2014 - 2025 (Million Gallons) (USD Million)

5.3.2 Market estimates and forecasts, by region, 2014 - 2025 (Million Gallons) (USD Million)

5.4 Hybrid Organic Acid Technology (HOAT)

5.4.1 Market estimates and forecasts, 2014 - 2025 (Million Gallons) (USD Million)

5.4.2 Market estimates and forecasts, by region, 2014 - 2025 (Million Gallons) (USD Million)

## **CHAPTER 6 ANTIFREEZE MARKET: APPLICATION & TREND ANALYSIS**

6.1 Application Analysis & Market Share, 2016 & 2025

6.2 Automobile

6.2.1 Market estimates and forecasts in automobile, 2014 - 2025 (Million Gallons) (USD Million)

6.2.2 Market estimates and forecasts in Automobile, by region, 2014 - 2025 (Million Gallons) (USD Million)

6.3 Aerospace

6.3.1 Market estimates and forecasts in Aerospace, 2014 - 2025 (Million Gallons) (USD Million)

6.3.2 Market estimates and forecasts in Aerospace, by region, 2014 - 2025 (Million

Gallons) (USD Million)

#### 6.4 Industrial Heat transfer and Cooling System

6.4.1 Market estimates and forecasts in Industrial Heat transfer and Cooling System, 2014 - 2025 (Million Gallons) (USD Million)

6.4.2 Market estimates and forecasts in Industrial Heat transfer and Cooling System, by region, 2014 - 2025 (Million Gallons) (USD Million)

### **CHAPTER 7 ANTIFREEZE MARKET: REGIONAL ESTIMATES & TREND ANALYSIS, BY PRODUCT, TECHNOLOGY & APPLICATION**

#### 7.1 Regional Movement Analysis & Market Share, 2016 & 2025

##### 7.2 North America

7.2.1 Market estimates and forecast, 2014 - 2025 (Million Gallons) (USD Million)

7.2.2 Market estimates and forecast, by product, 2014 - 2025 (Million Gallons) (USD Million)

7.2.3 Market estimates and forecast, by application, 2014 - 2025 (Million Gallons) (USD Million)

7.2.4 Market estimates and forecast, by technology, 2014 - 2025 (Million Gallons) (USD Million)

##### 7.2.5 U.S.

7.2.5.1 Market estimates and forecast, 2014 - 2025 (Million Gallons) (USD Million)

7.2.5.2 Market estimates and forecast, by product, 2014 - 2025 (Million Gallons) (USD Million)

7.2.5.3 Market estimates and forecast, by application, 2014 - 2025 (Million Gallons) (USD Million)

7.2.5.4 Market estimates and forecast, by technology, 2014 - 2025 (Million Gallons) (USD Million)

##### 7.3 Europe

7.3.1 Market estimates and forecast, 2014 - 2025 (Million Gallons) (USD Million)

7.3.2 Market estimates and forecast, by product, 2014 - 2025 (Million Gallons) (USD Million)

7.3.3 Market estimates and forecast, by application, 2014 - 2025 (Million Gallons) (USD Million)

7.3.4 Market estimates and forecast, by technology, 2014 - 2025 (Million Gallons) (USD Million)

##### 7.3.5 Germany

7.3.5.1 Market estimates and forecast, 2014 - 2025 (Million Gallons) (USD Million)

7.3.5.2 Market estimates and forecast, by product, 2014 - 2025 (Million Gallons) (USD Million)

7.3.5.3 Market estimates and forecast, by application, 2014 - 2025 (Million Gallons)  
(USD Million)

7.3.5.4 Market estimates and forecast, by technology, 2014 - 2025 (Million Gallons)  
(USD Million)

#### 7.4 Asia Pacific

7.4.1 Market estimates and forecast, 2014 - 2025 (Million Gallons) (USD Million)

7.4.2 Market estimates and forecast, by product, 2014 - 2025 (Million Gallons) (USD  
Million)

7.4.3 Market estimates and forecast, by application, 2014 - 2025 (Million Gallons)  
(USD Million)

7.4.4 Market estimates and forecast, by technology, 2014 - 2025 (Million Gallons)  
(USD Million)

#### 7.4.5 China

7.4.5.1 Market estimates and forecast, 2014 - 2025 (Million Gallons) (USD Million)

7.4.5.2 Market estimates and forecast, by product, 2014 - 2025 (Million Gallons)  
(USD Million)

7.4.5.3 Market estimates and forecast, by application, 2014 - 2025 (Million Gallons)  
(USD Million)

7.4.5.4 Market estimates and forecast, by technology, 2014 - 2025 (Million Gallons)  
(USD Million)

#### 7.5 Central & South America

7.5.1 Market estimates and forecast, 2014 - 2025 (Million Gallons) (USD Million)

7.5.2 Market estimates and forecast, by product, 2014 - 2025 (Million Gallons) (USD  
Million)

7.5.3 Market estimates and forecast, by application, 2014 - 2025 (Million Gallons)  
(USD Million)

7.5.4 Market estimates and forecast, by technology, 2014 - 2025 (Million Gallons)  
(USD Million)

#### 7.5.5 Brazil.

7.5.5.1 Market estimates and forecast, 2014 - 2025 (Million Gallons) (USD Million)

7.5.5.2 Market estimates and forecast, by product, 2014 - 2025 (Million Gallons)  
(USD Million)

7.5.5.3 Market estimates and forecast, by application, 2014 - 2025 (Million Gallons)  
(USD Million)

7.5.5.4 Market estimates and forecast, by technology, 2014 - 2025 (Million Gallons)  
(USD Million)

#### 7.6 MEA

7.6.1 Market estimates and forecast, 2014 - 2025 (Million Gallons) (USD Million)

7.6.2 Market estimates and forecast, by product, 2014 - 2025 (Million Gallons) (USD

Million)

7.6.3 Market estimates and forecast, by application, 2014 - 2025 (Million Gallons)  
(USD Million)

7.6.4 Market estimates and forecast, by technology, 2014 - 2025 (Million Gallons)  
(USD Million)

## **CHAPTER 8 COMPETITIVE LANDSCAPE**

- 8.1 Company Ranking, 2016
- 8.2 Competitive environment, 2016
- 8.3 Vendor landscape
- 8.4 Company market positioning
- 8.5 Strategy framework

## **CHAPTER 9 COMPANY PROFILES**

- 9.1 Royal Dutch Shell
  - 9.1.1 Company Overview
  - 9.1.2 Financial Performance
  - 9.1.3 Product Benchmarking
  - 9.1.4 Strategic Initiatives
- 9.2 CCI Corporation
  - 9.2.1 Company Overview
  - 9.2.2 Financial Performance
  - 9.2.3 Product Benchmarking
- 9.3 BASF SE
  - 9.3.1 Company Overview
  - 9.3.2 Financial Performance
  - 9.3.3 Product Benchmarking
  - 9.3.4 Strategic Initiatives
- 9.4 Old World Industries Inc
  - 9.4.1 Company Overview
  - 9.4.2 Financial Performance
  - 9.4.3 Service Benchmarking
- 9.5 KMCO
  - 9.5.1 Company Overview
  - 9.5.2 Financial Performance
  - 9.5.3 Product Benchmarking
- 9.6 SONAX GmbH



- 9.6.1 Company Overview
- 9.6.2 Financial Performance
- 9.6.3 Product Benchmarking
- 9.7 KOST USA, Inc
  - 9.7.1 Company Overview
  - 9.7.2 Financial Performance
  - 9.7.3 Product Benchmarking
  - 9.7.4 Strategic Initiatives
- 9.8 Recochem Inc
  - 9.8.1 Company Overview
  - 9.8.2 Financial Performance
  - 9.8.3 Product Benchmarking
  - 9.8.4 Strategic initiatives
- 9.9 Amsoil
  - 9.9.1 Company Overview
  - 9.9.2 Financial Performance
  - 9.9.3 Product Benchmarking
- 9.10 MITAN
  - 9.10.1 Company Overview
  - 9.10.2 Financial Performance
  - 9.10.3 Product benchmarking
- 9.11 PARAS Lubricants
  - 9.11.1 Company Overview
  - 9.11.2 Financial Performance
  - 9.11.3 Product Benchmarking
- 9.12 TOTAL
  - 9.12.1 Company Overview
  - 9.12.2 Financial Performance
  - 9.12.3 Product Benchmarking
- 9.13 Gulf Oil International
  - 9.13.1 Company Overview
  - 9.13.2 Financial Performance
  - 9.13.3 Product Benchmarking
- 9.14 PENTOSIN
  - 9.14.1 Company Overview
  - 9.14.2 Financial performance
  - 9.14.3 Product benchmarking
  - 9.14.4 Strategic initiatives
- 9.15 Millers Oils



9.15.1 Company overview

9.15.2 Financial performance

9.15.3 Product benchmarking

## List Of Tables

### LIST OF TABLES

TABLE 1 Antifreeze - Market driver analysis

TABLE 2 Antifreeze - Market restraint analysis

TABLE 3 Ethylene Glycol based Antifreeze market estimates and forecasts, 2014 - 2025 (Million Gallons) (USD Million)

TABLE 4 Ethylene Glycol based Antifreeze market volume, by region, 2014 - 2025 (Million Gallons)

TABLE 5 Ethylene Glycol based Antifreeze market revenue, by region, 2014 - 2025 (USD Million)

TABLE 6 Propylene Glycol based Antifreeze market estimates and forecasts, 2014 - 2025 (Million Gallons) (USD Million)

TABLE 7 Propylene Glycol based Antifreeze market volume, by region, 2014 - 2025 (Million Gallons)

TABLE 8 Propylene Glycol based Antifreeze market revenue, by region, 2014 - 2025 (USD Million)

TABLE 9 Glycerine based antifreeze coatings market estimates and forecasts, 2014 - 2025 (Million Gallons) (USD Million)

TABLE 10 Glycerine based antifreeze market volume, by region, 2014 - 2025 (Million Gallons)

TABLE 11 Glycerine based antifreeze market revenue, by region, 2014 - 2025 (USD Million)

TABLE 12 Organic Acid Technology Antifreeze market estimates and forecasts, 2014 - 2025 (Million Gallons) (USD Million)

TABLE 13 Organic Acid Technology Antifreeze market volume, by region, 2014 - 2025 (Million Gallons)

TABLE 14 Organic Acid Technology Antifreeze market revenue, by region, 2014 - 2025 (USD Million)

TABLE 15 Inorganic Acid Technology Antifreeze (IAT) market estimates and forecasts, 2014 - 2025 (Million Gallons) (USD Million)

TABLE 16 Inorganic Acid Technology Antifreeze (IAT) market volume, by region, 2014 - 2025 (Million Gallons)

TABLE 17 Inorganic Acid Technology Antifreeze (IAT) market revenue by region, 2014 - 2025 (USD Million)

TABLE 18 Hybrid Organic Acid Technology (HOAT) market estimates and forecasts, 2014 - 2025 (Million Gallons) (USD Million)

TABLE 19 Hybrid Organic Acid Technology (HOAT) market volume, by region, 2014 -

2025 (Million Gallons)

TABLE 20 Hybrid Organic Acid Technology (HOAT) market revenue, by region, 2014 - 2025 (USD Million)

TABLE 21 Global Antifreeze market estimates and forecasts in automobile, 2014 - 2025 (Million Gallons) (USD Million)

TABLE 22 Antifreeze market volume in Automobile, by region, 2014 - 2025 (Million Gallons)

TABLE 23 Antifreeze market revenue in Automobile, by region, 2014 - 2025 (USD Million)

TABLE 24 Global Antifreeze market estimates and forecasts in Aerospace, 2014 - 2025 (Million Gallons) (USD Million)

TABLE 25 Antifreeze market volume in Aerospace, by region, 2014 - 2025 (Million Gallons)

TABLE 26 Antifreeze market revenue in Aerospace, by region, 2014 - 2025 (USD Million)

TABLE 27 Global Antifreeze market estimates and forecasts in Industrial Heat transfer and Cooling System, 2014 - 2025 (Million Gallons) (USD Million)

TABLE 28 Antifreeze market volume in Industrial Heat transfer and Cooling System, by region, 2014 - 2025 (Million Gallons)

TABLE 29. Antifreeze market revenue in Industrial Heat transfer and Cooling System, by region, 2014 - 2025 (USD Million)

TABLE 30 North America Antifreeze market estimates and forecast, 2014 - 2025 (Million Gallons) (USD Million)

TABLE 31 North America Antifreeze market volume, by product, 2014 - 2025 (Million Gallons)

TABLE 32 North America Antifreeze market revenue, by product, 2014 - 2025 (USD Million)

TABLE 33 North America Antifreeze market volume, by application, 2014 - 2025 (Million Gallons)

TABLE 34 North America Antifreeze market revenue, by application, 2014 - 2025 (USD Million)

TABLE 35 North America Antifreeze market volume, by technology, 2014 - 2025 (Million Gallons)

TABLE 36 North America Antifreeze market revenue, by technology, 2014 - 2025 (USD Million)

TABLE 37 U.S. Antifreeze market estimates and forecast, 2014 - 2025 (Million Gallons) (USD Million)

TABLE 38 U.S. Antifreeze market volume, by product, 2014 - 2025 (Million Gallons)

TABLE 39 U.S. Antifreeze market revenue, by product, 2014 - 2025 (USD Million)

- TABLE 40 U.S. Antifreeze market volume, by application, 2014 - 2025 (Million Gallons)
- TABLE 41 U.S. Antifreeze market revenue, by application, 2014 - 2025 (USD Million)
- TABLE 42 U.S. Antifreeze market volume, by technology, 2014 - 2025 (Million Gallons)
- TABLE 43 U.S. Antifreeze market revenue, by technology, 2014 - 2025 (USD Million)
- TABLE 44 Europe Antifreeze market estimates and forecast, 2014 - 2025 (Million Gallons) (USD Million)
- TABLE 45 Europe Antifreeze market volume, by product, 2014 - 2025 (Million Gallons)
- TABLE 46 Europe Antifreeze market revenue, by product, 2014 - 2025 (USD Million)
- TABLE 47 Europe Antifreeze market volume, by application, 2014 - 2025 (Million Gallons)
- TABLE 48 Europe Antifreeze market revenue, by application, 2014 - 2025 (USD Million)
- TABLE 49 Europe Antifreeze market volume, by technology, 2014 - 2025 (Million Gallons)
- TABLE 50 Europe Antifreeze market revenue, by technology, 2014 - 2025 (USD Million)
- TABLE 51 Germany Antifreeze market estimates and forecast, 2014 - 2025 (Million Gallons) (USD Million)
- TABLE 52 Germany Antifreeze market volume, by product, 2014 - 2025 (Million Gallons)
- TABLE 53 Germany Antifreeze market revenue, by product, 2014 - 2025 (USD Million)
- TABLE 54 Germany Antifreeze market volume, by application, 2014 - 2025 (Million Gallons)
- TABLE 55 Germany Antifreeze market revenue, by application, 2014 - 2025 (USD Million)
- TABLE 56 Germany Antifreeze market volume, by technology, 2014 - 2025 (Million Gallons)
- TABLE 57 Germany Antifreeze market revenue, by technology, 2014 - 2025 (USD Million)
- TABLE 58 Asia Pacific Antifreeze market estimates and forecast, 2014 - 2025 (Million Gallons) (USD Million)
- TABLE 59 Asia Pacific Antifreeze market volume, by product, 2014 - 2025 (Million Gallons)
- TABLE 60 Asia Pacific Antifreeze market revenue, by product, 2014 - 2025 (USD Million)
- TABLE 61 Asia Pacific Antifreeze market volume, by application, 2014 - 2025 (Million Gallons)
- TABLE 62 Asia Pacific Antifreeze market revenue, by application, 2014 - 2025 (USD Million)
- TABLE 63 Asia Pacific Antifreeze market volume, by technology, 2014 - 2025 (Million Gallons)

TABLE 64 Asia Pacific Antifreeze market revenue, by technology, 2014 - 2025 (USD Million)

TABLE 65 China. Antifreeze market estimates and forecast, 2014 - 2025 (Million Gallons) (USD Million)

TABLE 66 China Antifreeze market volume, by product, 2014 - 2025 (Million Gallons)

TABLE 67 China Antifreeze market revenue, by product, 2014 - 2025 (USD Million)

TABLE 68 China Antifreeze market volume, by application, 2014 - 2025 (Million Gallons)

TABLE 69 China Antifreeze market revenue, by application, 2014 - 2025 (USD Million)

TABLE 70 China Antifreeze market volume, by technology, 2014 - 2025 (Million Gallons)

TABLE 71 China Antifreeze market revenue, by technology, 2014 - 2025 (USD Million)

TABLE 72 Central & South America Antifreeze market estimates and forecast, 2014 - 2025 (Million Gallons) (USD Million)

TABLE 73 Central & South America Antifreeze market volume, by product, 2014 - 2025 (Million Gallons)

TABLE 74 Central & South America Antifreeze market revenue, by product, 2014 - 2025 (USD Million)

TABLE 75 Central & South America Antifreeze market volume, by application, 2014 - 2025 (Million Gallons)

TABLE 76 Central & South America Antifreeze market revenue, by application, 2014 - 2025 (USD Million)

TABLE 77 Central & South America Antifreeze market volume, by technology, 2014 - 2025 (Million Gallons)

TABLE 78 Central & South America Antifreeze market revenue, by technology, 2014 - 2025 (USD Million)

TABLE 79 Brazil Antifreeze market estimates and forecast, 2014 - 2025 (Million Gallons) (USD Million)

TABLE 80 Brazil Antifreeze market volume, by product, 2014 - 2025 (Million Gallons)

TABLE 81 Brazil Antifreeze market revenue, by product, 2014 - 2025 (USD Million)

TABLE 82 Brazil Antifreeze market volume, by application, 2014 - 2025 (Million Gallons)

TABLE 83 Brazil Antifreeze market revenue, by application, 2014 - 2025 (USD Million)

TABLE 84 Brazil Antifreeze market volume, by technology, 2014 - 2025 (Million Gallons)

TABLE 85 Brazil Antifreeze market revenue, by technology, 2014 - 2025 (USD Million)

TABLE 86 MEA Antifreeze market estimates and forecast, 2014 - 2025 (Million Gallons) (USD Million)

TABLE 87 MEA Antifreeze market volume, by product, 2014 - 2025 (Million Gallons)

TABLE 88 MEA Antifreeze market revenue, by product, 2014 - 2025 (USD Million)

TABLE 89 MEA Antifreeze market volume, by application, 2014 - 2025 (Million Gallons)

TABLE 90 MEA Antifreeze market revenue, by application, 2014 - 2025 (USD Million)

TABLE 91 MEA Antifreeze market volume, by technology, 2014 - 2025 (Million Gallons)

TABLE 92 MEA Antifreeze market revenue, by technology, 2014 - 2025 (USD Million)

TABLE 93 Antifreeze market company ranking

TABLE 94 Antifreeze market vendor landscape

## List Of Figures

### LIST OF FIGURES

- FIG. 1 Market snapshot,2016
- FIG. 2 Market segmentation & scope
- FIG. 3 Antifreeze market key opportunities prioritized
- FIG. 4 Antifreeze market value chain analysis
- FIG. 5 Global Ethelene glycol market demand, 2013 - 2025 (Million Gallons)
- FIG. 6 India mono ethylene glycol production, 2012 - 2016 (Million Gallons)
- FIG. 7 Global MEG demand by application 2016
- FIG. 8 Global Propylene Glycol Market by Revenue 2014 - 2025 (USD Billion)
- FIG. 9 Propylene Glycol global market demand by application 2016
- FIG. 10 Antifreeze market dynamics
- FIG. 11 Chinese automotive production, 2012 - 2016 (Million Units)
- FIG. 12 India automotive production, 2012 - 2016 (Million Units)
- FIG. 13 Mexico automotive production, 2012 - 2016 (Million Units)
- FIG. 14 Thailand automotive production, 2012 - 2016 (Units)
- FIG. 15 Antifreeze market Porter's analysis
- FIG. 16 Antifreeze market PESTEL analysis
- FIG. 17 Antifreeze market: Product movement analysis
- FIG. 18 Antifreeze market: Technology movement analysis
- FIG. 19 Antifreeze market: Application movement analysis
- FIG. 20 Regional market place: Key takeaways
- FIG. 21 Regional outlook, 2016 & 2025
- FIG. 22 Strategy mapping of key market players



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