Metalworking Fluid Additives Market: By Fluids (Water Soluble, Neat Oils, Synthetic Oils); By Additives (Lubricity Agents, Emulsifiers, Corrosion Inhibitors, Defoamers) - Forecast (2015-2020)

Description:
Metal working fluid (MWF) additives are chemical formulations which are used for multiple functions in machine processing. The main purpose why these fluids are used is because high level performance is expected in machine processing along with high precision. These fluids are used for variety of purposes which include reduction of heat and friction between the cutting tool and work piece, which in turn protects the machine from burning and smoking. The main factors owing to the growth of this industry include green field projects and increase in the demand of important sectors like energy, manufacturing, process, and metals. Another important reason for the rise in MWF additives industry is the protection of the metals from rust and corrosion. New additives are being invented for this purpose. While there are many different components and additives in the industry, the classification of fluids is based on the ratio of oil present in the fluid. The segmentation includes the following classes; straight oils or neat oils, which are not mixed with water. Second class is water soluble oils, followed by synthetic and semi synthetic oils.

The metalworking fluids market has been segmented into by type, properties, application and geography exclusively. Based on the types of additives commercially available, the market is categorized in to various categories such as Emulsifiers, Lubricity agents, Corrosion inhibitor, Extreme Pressure Additives, Biocides and others. Each type varies greatly and the composition is different with different technical specifications. The major chemicals being used in this industry are sulphurized or chlorinated compounds, fatty acids, esters polyamides and many more.

Metalworking fluids are being used in different applications. For instance, aerospace and automotive forms the major segment. Other than these the key user segments include firearms and defense equipment, oilfield equipment, electronic tools and others. The metalworking fluid additives market has also been segmented based on the properties these additives possess. The major ones include, cutting and grinding fluids, followed by forming fluids and protective fluids.

The overall market is also presented from the perspective of different geographic regions and the key countries in each region. The market has been segmented in to four regions North America, Europe, Asia-Pacific and Rest of the World. Competitive landscape for industry and market players are profiled with attributes of company overview, financial overview, business strategies, product portfolio and recent developments. Market shares of the key players for 2014 are provided.

Few of the companies that are profiled in this report include:

BASF,
Lubrizol,
Dow Chemical,
Evonik Industries
QualiChem Metalworking Fluids.

Contents:
1. Metalworking Fluid Additives - Market Overview
2. Executive Summary
3. Metalworking Fluid Additives - Market Landscape
   3.1. Market Share Analysis
   3.2. Comparative Analysis
   3.2.1. Product Benchmarking
   3.2.2. End user profiling
   3.2.3. Patent Analysis
   3.2.4. Top 5 Financials Analysis
4. Metalworking Fluid Additives - Market Forces
   4.1. Market Drivers
   4.2. Market Constraints
   4.3. Market Challenges
4.4. Attractiveness of the Metalworking Fluid Additives Industry
4.4.1. Power of Suppliers
4.4.2. Power of Customers
4.4.3. Threat of New entrants
4.4.4. Threat of Substitution
4.4.5. Degree of Competition
5. Metalworking Fluid Additives Market- Strategic Analysis
5.1. Value Chain Analysis
5.2. Pricing Analysis
5.3. Opportunities Analysis
5.4. Product/Market Life Cycle Analysis
5.5. Suppliers and Distributors
6. Metalworking Fluid Additives Market: By Type of Fluids (based on oil ratio)
6.1. Straight Oils/ Neat Oils
6.2. Water Soluble Oils
6.3. Semi Synthetic Oils
6.4. Synthetic Oils
7. Metalworking Fluid Additives Market- By Type of Additives
7.1. Emulsifiers
7.1.1. Sulphonates
7.1.2. Fatty Acids and Amides
7.1.3. Amphoteric
7.2. Lubricity agents
7.2.1. Glycol
7.2.2. Triglycerides
7.2.3. Esters
7.3. Corrosion inhibitor
7.3.1. Boramides
7.3.2. Acid Derivatives
7.3.3. Benzotriazoles (BTA)
7.3.4. Metasilicates
7.4. Extreme Pressure
7.4.1. Sulphurized compounds
7.4.2. Chlorinated compounds
7.4.3. Phosphate Esters
7.5. Defoamers
7.5.1. Oil
7.5.2. Water
7.5.3. Wax
7.5.4. Silicone
7.5.5. Polymers
7.6. Surface Modifiers
7.6.1. Alcohols
7.6.2. Wax dispersions
7.6.3. Acrylic Polymers
7.6.4. Nonylphenols
7.7. Others
7.7.1. Anti-Mist Agents
7.7.2. Stabilizers
7.7.3. Dispersants
7.7.4. Dyes
7.7.5. Odorants
8. Metalworking Fluid Additives Market: By Properties
8.1. Cutting and Grinding Fluids
8.2. Forming Fluids
8.2.1. Drawing
8.2.2. Stamping
8.2.3. Rolling
8.3. Protecting Fluids
9. Metalworking Fluid Additives Market: By Application
9.1. Aerospace
9.2. Automotive
9.3. Machine tools and perishable tools
9.4. Fire arms and other Defense Equipment
9.5. Oil Field Equipment
9.6. Electrical components
9.7. Others
9.7.1. Bearings
9.7.2. Wires and cables
9.7.3. Plumbing and fixtures
10. Agriculture Equipment Market : By Geography
10.1. North America
10.1.1. U.S.
10.1.2. Canada
10.1.3. Mexico
10.2. Europe
10.2.1. UK
10.2.2. Germany
10.2.3. France
10.2.4. Rest Of Europe
10.3. Asia
10.3.1. India
10.3.2. China
10.3.3. Korea
10.3.4. Australia
10.3.5. others
10.4. Rest of the World
11. Market Entropy
11.1. New Product Launches
11.2. M&As, Collaborations, JVs and Partnerships
12. Company Profile
12.1. Ashburn Chemical Technologies
12.2. BASF SE
12.3. Castrol India Ltd
12.4. Chem Arrow Corporation
12.5. Connell Brothers Company, Ltd.
12.6. Croda International
12.7. The Dow Chemical Company
12.8. Evonik Industries
12.9. FUCHS Lubricants
12.10. Indian Oil
12.11. Lonza Group
12.12. The Lubrizol Corporation
12.13. ROCOL
13. Appendix
13.1. Abbreviations
13.2. Sources
13.3. Research Methodology
13.4. Bibliography
13.5. Compilation of Expert Insights
13.6. Disclaimer

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