

# **North America Industrial Lubricants for Machine Tools Market Size and Forecast (2021 - 2031), Regional Share, Trend, and Growth Opportunity Analysis Report Coverage: By Base Oil (Mineral Oil, Synthetic Oil, and Bio-based Oil), By Product Type (Spindle Oils, Hydraulic Oils, Way or slideway Oils, Gear Oils, and Others), By Function (Lubrication and Wear Reduction, Cooling or Heat Dissipation, Chip or Swarf Removal, Corrosion or Rust Protection, and Others), By Application (Machine Slides or ways, Hydraulic System, Spindle Bearings, Gearboxes, and Others), and Country**

<https://marketpublishers.com/r/N587A5357611EN.html>

Date: January 2026

Pages: 184

Price: US\$ 3,450.00 (Single User License)

ID: N587A5357611EN

## **Abstracts**

The North America industrial lubricants for machine tools market size was valued at US\$ 159.91 million in 2024 and is projected to reach US\$ 204.22 million by 2031; it is expected to register a CAGR of 3.8% from 2025 to 2031.

North America has a well-established base of automotive, aerospace, heavy machinery, and metal fabrication industries, all of which rely on machine tools for precision manufacturing. Continuous operation of CNC machines, lathes, milling machines, and grinding equipment requires high-performance lubricants to reduce friction, manage heat, and minimize tool wear.

The growing adoption of advanced manufacturing technologies, including automation

and smart machining systems, is increasing the need for specialized lubricants that can perform under high speeds, tighter tolerances, and demanding operating conditions. Regulatory focus on workplace safety and environmental compliance is shaping market dynamics, encouraging the use of low-toxicity, biodegradable, and high-efficiency lubricant formulations.

Manufacturers are prioritizing equipment longevity and reduced downtime to control production costs, supporting the use of premium industrial lubricants. The expansion of maintenance, repair, and overhaul activities, particularly in aerospace and industrial equipment sectors, reinforces market growth.

As industries integrate green initiatives into their operations, there is a preference for lubricants derived from renewable resources that reduce environmental impact throughout their lifecycle. Bio-based formulations utilize vegetable oils or other renewable feedstocks, offering comparable or superior performance to conventional petroleum-based lubricants while being readily biodegradable. This characteristic is advantageous in applications where accidental spills or leaks could directly affect soil or water sources, such as in agriculture, forestry, and marine operations.

Regulatory incentives and stricter environmental standards encourage the adoption of eco-friendly lubricants, creating an expanding niche for suppliers with expertise in sustainable product development. In addition to ecological benefits, bio-based lubricants can enhance corporate sustainability profiles, supporting companies' environmental, social, and governance (ESG) objectives and improving public perception. Technological advancements in additive chemistry and synthetic modifications have increased the operational reliability and thermal stability of biodegradable products, expanding their applicability to heavy-duty machinery and high-performance industrial processes. As industries across North America pursue sustainability without compromising efficiency, the demand for bio-based and biodegradable lubricants is expected to grow, offering opportunities for innovation, differentiation, and the introduction of specialized product lines catering to environmentally conscious operations.

Some of the key players operating in the North America industrial lubricants for machine tools market are BP plc, Chevron Corp, Exxon Mobil Corp, TotalEnergies SE, Fuchs SE, Repsol SA, Shell plc, Quaker Chemical Corp (Quaker Houghton), DuBois Chemicals Inc, and Phillips 66.

The overall North America industrial lubricants for machine tools market size was

derived using both primary and secondary sources. To begin the research process, exhaustive secondary research has been conducted using internal and external sources to obtain qualitative and quantitative information about the market. Also, multiple primary interviews have been conducted with industry participants to validate the data and gain analytical insights into the topic. Participants in this process include industry experts, such as VPs, business development managers, market intelligence managers, and national sales managers, along with external consultants, such as valuation experts, research analysts, and key opinion leaders, specializing in the North America industrial lubricants for machine tools market.

### **Reason to buy**

Saves and reduces time required for identifying the market growth, size, leading players, and segments in the North America Industrial Lubricants for Machine Tools market.

Highlights key business priorities to assist companies in realigning their business strategies

Emphasizes key findings and recommendations that uncover emerging industry trends in the North America Industrial Lubricants for Machine Tools market, enabling stakeholders across the value chain to craft effective long-term strategies

Develop/modify business expansion plans by analyzing substantial growth prospects in mature and emerging markets

Scrutinizes in-depth North America Industrial Lubricants for Machine Tools market trends, along with factors driving the market, as well as those hindering it

Enhances the decision-making process by understanding the strategies that underpin commercial interest with respect to client products, segmentation, pricing, and distribution

## Contents

### 1. EXECUTIVE SUMMARY

- 1.1 Analyst Market Outlook
- 1.2 Market Attractiveness

### 2. NORTH AMERICA INDUSTRIAL LUBRICANTS FOR MACHINE TOOLS MARKET LANDSCAPE

- 2.1 Overview
- 2.2 Value Chain Analysis
  - 2.2.1 Raw Material Components
  - 2.2.2 Manufacturing Process/Technology
  - 2.2.3 Distribution Landscape
  - 2.2.4 Application/End-use
  - 2.2.5 Level of Integration
- 2.3 Supply Chain Analysis
  - 2.3.1 List of Manufacturers/Suppliers
  - 2.3.2 List of Potential Customers (Upto 50)
- 2.4 Porter`s Five Force Analysis
  - 2.4.1 Threat of New Entrants:
  - 2.4.2 Bargaining Power of Suppliers
  - 2.4.3 Bargaining Power of Buyers
  - 2.4.4 Threat of Substitutes
  - 2.4.5 Competitive Rivalry
- 2.5 PEST Analysis
  - 2.5.1 Political Factors – Regulatory Oversight and Trade Alignment
  - 2.5.2 Economic Factors – Industrial Growth and Raw Material Dynamics
  - 2.5.3 Social Factors – Workforce Safety and Sustainability Awareness
  - 2.5.4 Technological Factors – Automation, Digitalization, and Product Innovation
- 2.6 Import–Export Analysis for Key Countries (HS Code: 3403)
  - 2.6.1 Import–Export Analysis for Key Countries
- 2.7 Impact of Artificial Intelligence (AI)
- 2.8 Product or Technology Roadmap
  - 2.8.13 – Low-Toxicity and Regulatory-Compliant Lubricants
  - 2.8.24 – Performance Enhancement and Extended Equipment Life
  - 2.8.35 – Digital Lubricant Monitoring and Customization
  - 2.8.46 and Beyond – Smart, Sustainable, and AI-Integrated Solutions

- 2.9 Sustainability and ESG Trends
- 2.10 Patent Analysis
- 2.11 Regulatory Framework

### **3. COMPETITIVE LANDSCAPE**

- 3.1 Company Benchmarking by Key Players
- 3.2 Market Share Analysis, 2024 – By Key Players
- 3.3 Market Concentration

## **4. NORTH AMERICA INDUSTRIAL LUBRICANTS FOR MACHINE TOOLS MARKET – KEY INDUSTRY DYNAMICS**

- 4.1 Market Drivers
  - 4.1.1 Regulatory Compliance for Safety and Emissions
  - 4.1.2 Preventive Maintenance Focus
  - 4.1.3 Rising Industrial Automation
- 4.2 Market Restraints
  - 4.2.1 High Cost of Specialty Lubricants
  - 4.2.2 Volatility in Base Oil Prices
  - 4.2.3 Environmental Restrictions on Waste Disposal
- 4.3 Market Opportunities
  - 4.3.1 Bio-Based and Biodegradable Lubricants
  - 4.3.2 Expansion in Aerospace and Defense Sectors
  - 4.3.3 Emerging Industrial Hubs in Mexico and Canada
- 4.4 Future Trends
  - 4.4.1 Digitalization of Lubrication Management
  - 4.4.2 Customization for High-Precision Machining
  - 4.4.3 Shift Toward Multi-Functional Lubricants
- 4.5 Impact of Drivers and Restraints

## **5. NORTH AMERICA INDUSTRIAL LUBRICANTS FOR MACHINE TOOLS MARKET – REGION MARKET ANALYSIS**

- 5.1 North America Industrial Lubricants for Machine Tools Market Volume (Kilo Tons), 2021–2031
- 5.2 North America Industrial Lubricants for Machine Tools Market Volume Forecast and Analysis (Kilo Tons)
- 5.3 North America Industrial Lubricants for Machine Tools Market Revenue and

Forecast (US\$ Million), 2021–2031

5.4 North America Industrial Lubricants for Machine Tools Market Revenue Forecast and Analysis (US\$ Million)

## **6. NORTH AMERICA INDUSTRIAL LUBRICANTS FOR MACHINE TOOLS MARKET VOLUME AND REVENUE ANALYSIS – BASE OIL**

6.1 North America Industrial Lubricants for Machine Tools Market Forecasts and Analysis by Base Oil

6.1.1 Mineral Oil

6.1.1.1 Overview

6.1.1.2 Mineral Oil: North America Industrial Lubricants for Machine Tools Market – Volume and Forecast, 2021 – 2031 (Kilo Tons)

6.1.1.3 Mineral Oil: North America Industrial Lubricants for Machine Tools Market – Revenue, 2021–2031 (US\$ Million)

6.1.2 Synthetic Oil

6.1.2.1 Overview

6.1.2.2 Synthetic Oil: North America Industrial Lubricants for Machine Tools Market – Volume and Forecast, 2021 – 2031 (Kilo Tons)

6.1.2.3 Synthetic Oil: North America Industrial Lubricants for Machine Tools Market – Revenue, 2021–2031 (US\$ Million)

6.1.3 Bio-based Oil

6.1.3.1 Overview

6.1.3.2 Bio-based Oil: North America Industrial Lubricants for Machine Tools Market – Volume and Forecast, 2021 – 2031 (Kilo Tons)

6.1.3.3 Bio-based Oil: North America Industrial Lubricants for Machine Tools Market – Revenue, 2021–2031 (US\$ Million)

## **7. NORTH AMERICA INDUSTRIAL LUBRICANTS FOR MACHINE TOOLS MARKET VOLUME AND REVENUE ANALYSIS – PRODUCT TYPE**

7.1 North America Industrial Lubricants for Machine Tools Market Forecasts and Analysis by Product Type

7.1.1 Spindle Oils

7.1.1.1 Overview

7.1.1.2 Spindle Oils: North America Industrial Lubricants for Machine Tools Market – Volume and Forecast, 2021 – 2031 (Kilo Tons)

7.1.1.3 Spindle Oils: North America Industrial Lubricants for Machine Tools Market – Revenue, 2021–2031 (US\$ Million)

## 7.1.2 Hydraulic Oils

### 7.1.2.1 Overview

7.1.2.2 Hydraulic Oils: North America Industrial Lubricants for Machine Tools Market – Volume and Forecast, 2021 – 2031 (Kilo Tons)

7.1.2.3 Hydraulic Oils: North America Industrial Lubricants for Machine Tools Market – Revenue, 2021–2031 (US\$ Million)

## 7.1.3 Way or slideway Oils

### 7.1.3.1 Overview

7.1.3.2 Way or slideway Oils: North America Industrial Lubricants for Machine Tools Market – Volume and Forecast, 2021 – 2031 (Kilo Tons)

7.1.3.3 Way or slideway Oils: North America Industrial Lubricants for Machine Tools Market – Revenue, 2021–2031 (US\$ Million)

## 7.1.4 Gear Oils

### 7.1.4.1 Overview

7.1.4.2 Gear Oils: North America Industrial Lubricants for Machine Tools Market – Volume and Forecast, 2021 – 2031 (Kilo Tons)

7.1.4.3 Gear Oils: North America Industrial Lubricants for Machine Tools Market – Revenue, 2021–2031 (US\$ Million)

## 7.1.5 Others

### 7.1.5.1 Overview

7.1.5.2 Others: North America Industrial Lubricants for Machine Tools Market – Volume and Forecast, 2021 – 2031 (Kilo Tons)

7.1.5.3 Others: North America Industrial Lubricants for Machine Tools Market – Revenue, 2021–2031 (US\$ Million)

## **8. NORTH AMERICA INDUSTRIAL LUBRICANTS FOR MACHINE TOOLS MARKET VOLUME AND REVENUE ANALYSIS – FUNCTION**

### 8.1 North America Industrial Lubricants for Machine Tools Market Forecasts and Analysis by Function

#### 8.1.1 Lubrication and Wear Reduction

##### 8.1.1.1 Overview

8.1.1.2 Lubrication and Wear Reduction: North America Industrial Lubricants for Machine Tools Market – Volume and Forecast, 2021 – 2031 (Kilo Tons)

8.1.1.3 Lubrication and Wear Reduction: North America Industrial Lubricants for Machine Tools Market – Revenue, 2021–2031 (US\$ Million)

#### 8.1.2 Cooling or Heat Dissipation

##### 8.1.2.1 Overview

8.1.2.2 Cooling or Heat Dissipation: North America Industrial Lubricants for Machine

Tools Market – Volume and Forecast, 2021 – 2031 (Kilo Tons)

8.1.2.3 Cooling or Heat Dissipation: North America Industrial Lubricants for Machine

Tools Market – Revenue, 2021–2031 (US\$ Million)

8.1.3 Chip or Swarf Removal

8.1.3.1 Overview

8.1.3.2 Chip or Swarf Removal: North America Industrial Lubricants for Machine

Tools Market – Volume and Forecast, 2021 – 2031 (Kilo Tons)

8.1.3.3 Chip or Swarf Removal: North America Industrial Lubricants for Machine

Tools Market – Revenue, 2021–2031 (US\$ Million)

8.1.4 Corrosion or Rust Protection

8.1.4.1 Overview

8.1.4.2 Corrosion or Rust Protection: North America Industrial Lubricants for Machine

Tools Market – Volume and Forecast, 2021 – 2031 (Kilo Tons)

8.1.4.3 Corrosion or Rust Protection: North America Industrial Lubricants for Machine

Tools Market – Revenue, 2021–2031 (US\$ Million)

8.1.5 Others

8.1.5.1 Overview

8.1.5.2 Others: North America Industrial Lubricants for Machine Tools Market –  
Volume and Forecast, 2021 – 2031 (Kilo Tons)

8.1.5.3 Others: North America Industrial Lubricants for Machine Tools Market –  
Revenue, 2021–2031 (US\$ Million)

## **9. NORTH AMERICA INDUSTRIAL LUBRICANTS FOR MACHINE TOOLS MARKET VOLUME AND REVENUE ANALYSIS – APPLICATION**

9.1 North America Industrial Lubricants for Machine Tools Market Forecasts and  
Analysis by Application

9.1.1 Machine Slides or ways

9.1.1.1 Overview

9.1.1.2 Machine Slides or ways: North America Industrial Lubricants for Machine  
Tools Market – Volume and Forecast, 2021 – 2031 (Kilo Tons)

9.1.1.3 Machine Slides or ways: North America Industrial Lubricants for Machine  
Tools Market – Revenue, 2021–2031 (US\$ Million)

9.1.2 Hydraulic System

9.1.2.1 Overview

9.1.2.2 Hydraulic System: North America Industrial Lubricants for Machine Tools  
Market – Volume and Forecast, 2021 – 2031 (Kilo Tons)

9.1.2.3 Hydraulic System: North America Industrial Lubricants for Machine Tools  
Market – Revenue, 2021–2031 (US\$ Million)

### 9.1.3 Spindle Bearings

#### 9.1.3.1 Overview

9.1.3.2 Spindle Bearings: North America Industrial Lubricants for Machine Tools Market – Volume and Forecast, 2021 – 2031 (Kilo Tons)

9.1.3.3 Spindle Bearings: North America Industrial Lubricants for Machine Tools Market – Revenue, 2021–2031 (US\$ Million)

### 9.1.4 Gearboxes

#### 9.1.4.1 Overview

9.1.4.2 Gearboxes: North America Industrial Lubricants for Machine Tools Market – Volume and Forecast, 2021 – 2031 (Kilo Tons)

9.1.4.3 Gearboxes: North America Industrial Lubricants for Machine Tools Market – Revenue, 2021–2031 (US\$ Million)

### 9.1.5 Others

#### 9.1.5.1 Overview

9.1.5.2 Others: North America Industrial Lubricants for Machine Tools Market – Volume and Forecast, 2021 – 2031 (Kilo Tons)

9.1.5.3 Others: North America Industrial Lubricants for Machine Tools Market – Revenue, 2021–2031 (US\$ Million)

## **10. NORTH AMERICA INDUSTRIAL LUBRICANTS FOR MACHINE TOOLS MARKET – COUNTRY ANALYSIS**

### 10.1 North America Industrial Lubricants for Machine Tools Market Breakdown by Countries

#### 10.1.1 United States Market

10.1.1.1 United States: Industrial Lubricants for Machine Tools Market Revenue and Forecasts, 2021–2031 (US\$ Million)

10.1.1.2 United States: Industrial Lubricants for Machine Tools Market – By Segmentation

##### 10.1.1.2.1 Base Oil

##### 10.1.1.2.2 Product Type

##### 10.1.1.2.3 Function

##### 10.1.1.2.4 Application

#### 10.1.2 Canada Market

10.1.2.1 Canada: Industrial Lubricants for Machine Tools Market Revenue and Forecasts, 2021–2031 (US\$ Million)

10.1.2.2 Canada: Industrial Lubricants for Machine Tools Market – By Segmentation

##### 10.1.2.2.1 Base Oil

##### 10.1.2.2.2 Product Type

10.1.2.2.3 Function

10.1.2.2.4 Application

10.1.3 Mexico Market

10.1.3.1 Mexico: Industrial Lubricants for Machine Tools Market Revenue and Forecasts, 2021–2031 (US\$ Million)

10.1.3.2 Mexico: Industrial Lubricants for Machine Tools Market – By Segmentation

10.1.3.2.1 Base Oil

10.1.3.2.2 Product Type

10.1.3.2.3 Function

10.1.3.2.4 Application

## **11. NORTH AMERICA INDUSTRIAL LUBRICANTS FOR MACHINE TOOLS MARKET INDUSTRY LANDSCAPE**

## **12. NORTH AMERICA INDUSTRIAL LUBRICANTS FOR MACHINE TOOLS MARKET – KEY COMPANY PROFILES**

12.1 BP Plc

12.1.1 Key Facts

12.1.2 Business Description

12.1.3 Products and Services

12.1.4 Financial Overview

12.1.5 SWOT Analysis

12.1.6 Key Developments

12.2 Chevron Corp

12.2.1 Key Facts

12.2.2 Business Description

12.2.3 Products and Services

12.2.4 Financial Overview

12.2.5 SWOT Analysis

12.2.6 Key Developments

12.3 Exxon Mobil Corp

12.3.1 Key Facts

12.3.2 Business Description

12.3.3 Products and Services

12.3.4 Financial Overview

12.3.5 SWOT Analysis

12.3.6 Key Developments

12.4 TotalEnergies SE

- 12.4.1 Key Facts
- 12.4.2 Business Description
- 12.4.3 Products and Services
- 12.4.4 Financial Overview
- 12.4.5 SWOT Analysis
- 12.4.6 Key Developments
- 12.5 Fuchs SE
  - 12.5.1 Key Facts
  - 12.5.2 Business Description
  - 12.5.3 Products and Services
  - 12.5.4 Financial Overview
  - 12.5.5 SWOT Analysis
  - 12.5.6 Key Developments
- 12.6 Repsol SA
  - 12.6.1 Key Facts
  - 12.6.2 Business Description
  - 12.6.3 Products and Services
  - 12.6.4 Financial Overview
  - 12.6.5 SWOT Analysis
  - 12.6.6 Key Developments
- 12.7 Shell Plc
  - 12.7.1 Key Facts
  - 12.7.2 Business Description
  - 12.7.3 Products and Services
  - 12.7.4 Financial Overview
  - 12.7.5 SWOT Analysis
  - 12.7.6 Key Developments
- 12.8 Quaker Chemical Corp (Quaker Houghton)
  - 12.8.1 Key Facts
  - 12.8.2 Business Description
  - 12.8.3 Products and Services
  - 12.8.4 Financial Overview
  - 12.8.5 SWOT Analysis
  - 12.8.6 Key Developments
- 12.9 DuBois Chemicals Inc
  - 12.9.1 Key Facts
  - 12.9.2 Business Description
  - 12.9.3 Products and Services
  - 12.9.4 Financial Overview

- 12.9.5 SWOT Analysis
- 12.9.6 Key Developments
- 12.10 Phillips
  - 12.10.1 Key Facts
  - 12.10.2 Business Description
  - 12.10.3 Products and Services
  - 12.10.4 Financial Overview
  - 12.10.5 SWOT Analysis
  - 12.10.6 Key Developments

## **13. APPENDIX**

- 13.1 Glossary
- 13.2 Research Methodology and Approach
  - 13.2.1 Secondary Research
  - 13.2.2 Primary Research
  - 13.2.3 Market Estimation Approach
    - 13.2.3.1 Supply Side Analysis
    - 13.2.3.2 Demand Side Analysis
  - 13.2.4 Research Assumptions and Limitations
  - 13.2.5 Currency Conversion
- 13.3 About The Insight Partners
- 13.4 Market Intelligence Cloud

## List Of Tables

### LIST OF TABLES

Table 1. North America Industrial Lubricants for Machine Tools Market Segmentation

Table 2. List of Patents and Description

Table 3. List of Regulatory Bodies and Organizations

Table 4. Ease of Doing Business: Key Country Rankings

Table 5. Market Share Analysis, 2024 – By Key Players

Table 6. North America Industrial Lubricants for Machine Tools Market – Volume, 2021–2024 (Kilo Tons)

Table 7. North America Industrial Lubricants for Machine Tools Market – Volume Forecast, 2025–2031 (Kilo Tons)

Table 8. North America Industrial Lubricants for Machine Tools Market – Revenue, 2021–2024 (US\$ Million)

Table 9. North America Industrial Lubricants for Machine Tools Market – Revenue Forecast, 2025–2031 (US\$ Million)

Table 10. North America Industrial Lubricants for Machine Tools Market – Volume, 2021 – 2024 (Kilo Tons) – by Base Oil

Table 11. North America Industrial Lubricants for Machine Tools Market – Volume, 2025 – 2031 (Kilo Tons) – by Base Oil

Table 12. North America Industrial Lubricants for Machine Tools Market – Revenue, 2021–2024 (US\$ Million) – by Base Oil

Table 13. North America Industrial Lubricants for Machine Tools Market – Revenue Forecast, 2025–2031 (US\$ Million) – by Base Oil

Table 14. North America Industrial Lubricants for Machine Tools Market – Volume, 2021 – 2024 (Kilo Tons) – by Product Type

Table 15. North America Industrial Lubricants for Machine Tools Market – Volume, 2025 – 2031 (Kilo Tons) – by Product Type

Table 16. North America Industrial Lubricants for Machine Tools Market – Revenue, 2021–2024 (US\$ Million) – by Product Type

Table 17. North America Industrial Lubricants for Machine Tools Market – Revenue Forecast, 2025–2031 (US\$ Million) – by Product Type

Table 18. North America Industrial Lubricants for Machine Tools Market – Volume, 2021 – 2024 (Kilo Tons) – by Function

Table 19. North America Industrial Lubricants for Machine Tools Market – Volume, 2025 – 2031 (Kilo Tons) – by Function

Table 20. North America Industrial Lubricants for Machine Tools Market – Revenue, 2021–2024 (US\$ Million) – by Function

Table 21. North America Industrial Lubricants for Machine Tools Market – Revenue

Forecast, 2025–2031 (US\$ Million) – by Function

Table 22. North America Industrial Lubricants for Machine Tools Market – Volume, 2021 – 2024 (Kilo Tons) – by Application

Table 23. North America Industrial Lubricants for Machine Tools Market – Volume, 2025 – 2031 (Kilo Tons) – by Application

Table 24. North America Industrial Lubricants for Machine Tools Market – Revenue, 2021–2024 (US\$ Million) – by Application

Table 25. North America Industrial Lubricants for Machine Tools Market – Revenue Forecast, 2025–2031 (US\$ Million) – by Application

Table 26. North America Industrial Lubricants for Machine Tools Market – Volume, 2021–2024(Kilo Tons) –by Country

Table 27. North America Industrial Lubricants for Machine Tools Market – Volume Forecast, 2025–2031 (Kilo Tons) –by Country

Table 28. North America Industrial Lubricants for Machine Tools Market – Revenue, 2021–2024 (US\$ Million) – by Country

Table 29. North America Industrial Lubricants for Machine Tools Market – Revenue Forecast, 2025–2031 (US\$ Million) – by Country

Table 30. United States: Industrial Lubricants for Machine Tools Market – Volume, 2021 – 2024 (Kilo Tons) – by United States

Table 31. United States: Industrial Lubricants for Machine Tools Market – Volume Forecast, 2025 – 2031 (Kilo Tons) – by United States

Table 32. United States: Industrial Lubricants for Machine Tools Market – Revenue, 2021–2024 (US\$ Million) – by Base Oil

Table 33. United States: Industrial Lubricants for Machine Tools Market – Revenue Forecast, 2025–2031 (US\$ Million) – by Base Oil

Table 34. United States: Industrial Lubricants for Machine Tools Market – Volume, 2021 – 2024 (Kilo Tons) – by United States

Table 35. United States: Industrial Lubricants for Machine Tools Market – Volume Forecast, 2025 – 2031 (Kilo Tons) – by United States

Table 36. United States: Industrial Lubricants for Machine Tools Market – Revenue, 2021–2024 (US\$ Million) – by Product Type

Table 37. United States: Industrial Lubricants for Machine Tools Market – Revenue Forecast, 2025–2031 (US\$ Million) – by Product Type

Table 38. United States: Industrial Lubricants for Machine Tools Market – Volume, 2021 – 2024 (Kilo Tons) – by United States

Table 39. United States: Industrial Lubricants for Machine Tools Market – Volume Forecast, 2025 – 2031 (Kilo Tons) – by United States

Table 40. United States: Industrial Lubricants for Machine Tools Market – Revenue, 2021–2024 (US\$ Million) – by Function

Table 41. United States: Industrial Lubricants for Machine Tools Market – Revenue Forecast, 2025–2031 (US\$ Million) – by Function

Table 42. United States: Industrial Lubricants for Machine Tools Market – Volume, 2021 – 2024 (Kilo Tons) – by United States

Table 43. United States: Industrial Lubricants for Machine Tools Market – Volume Forecast, 2025 – 2031 (Kilo Tons) – by United States

Table 44. United States: Industrial Lubricants for Machine Tools Market – Revenue, 2021–2024 (US\$ Million) – by Application

Table 45. United States: Industrial Lubricants for Machine Tools Market – Revenue Forecast, 2025–2031 (US\$ Million) – by Application

Table 46. Canada: Industrial Lubricants for Machine Tools Market – Volume, 2021 – 2024 (Kilo Tons) – by Canada

Table 47. Canada: Industrial Lubricants for Machine Tools Market – Volume Forecast, 2025 – 2031 (Kilo Tons) – by Canada

Table 48. Canada: Industrial Lubricants for Machine Tools Market – Revenue, 2021–2024 (US\$ Million) – by Base Oil

Table 49. Canada: Industrial Lubricants for Machine Tools Market – Revenue Forecast, 2025–2031 (US\$ Million) – by Base Oil

Table 50. Canada: Industrial Lubricants for Machine Tools Market – Volume, 2021 – 2024 (Kilo Tons) – by Canada

Table 51. Canada: Industrial Lubricants for Machine Tools Market – Volume Forecast, 2025 – 2031 (Kilo Tons) – by Canada

Table 52. Canada: Industrial Lubricants for Machine Tools Market – Revenue, 2021–2024 (US\$ Million) – by Product Type

Table 53. Canada: Industrial Lubricants for Machine Tools Market – Revenue Forecast, 2025–2031 (US\$ Million) – by Product Type

Table 54. Canada: Industrial Lubricants for Machine Tools Market – Volume, 2021 – 2024 (Kilo Tons) – by Canada

Table 55. Canada: Industrial Lubricants for Machine Tools Market – Volume Forecast, 2025 – 2031 (Kilo Tons) – by Canada

Table 56. Canada: Industrial Lubricants for Machine Tools Market – Revenue, 2021–2024 (US\$ Million) – by Function

Table 57. Canada: Industrial Lubricants for Machine Tools Market – Revenue Forecast, 2025–2031 (US\$ Million) – by Function

Table 58. Canada: Industrial Lubricants for Machine Tools Market – Volume, 2021 – 2024 (Kilo Tons) – by Canada

Table 59. Canada: Industrial Lubricants for Machine Tools Market – Volume Forecast, 2025 – 2031 (Kilo Tons) – by Canada

Table 60. Canada: Industrial Lubricants for Machine Tools Market – Revenue,

2021–2024 (US\$ Million) – by Application

Table 61. Canada: Industrial Lubricants for Machine Tools Market – Revenue Forecast, 2025–2031 (US\$ Million) – by Application

Table 62. Mexico: Industrial Lubricants for Machine Tools Market – Volume, 2021 – 2024 (Kilo Tons) – by Mexico

Table 63. Mexico: Industrial Lubricants for Machine Tools Market – Volume Forecast, 2025 – 2031 (Kilo Tons) – by Mexico

Table 64. Mexico: Industrial Lubricants for Machine Tools Market – Revenue, 2021–2024 (US\$ Million) – by Base Oil

Table 65. Mexico: Industrial Lubricants for Machine Tools Market – Revenue Forecast, 2025–2031 (US\$ Million) – by Base Oil

Table 66. Mexico: Industrial Lubricants for Machine Tools Market – Volume, 2021 – 2024 (Kilo Tons) – by Mexico

Table 67. Mexico: Industrial Lubricants for Machine Tools Market – Volume Forecast, 2025 – 2031 (Kilo Tons) – by Mexico

Table 68. Mexico: Industrial Lubricants for Machine Tools Market – Revenue, 2021–2024 (US\$ Million) – by Product Type

Table 69. Mexico: Industrial Lubricants for Machine Tools Market – Revenue Forecast, 2025–2031 (US\$ Million) – by Product Type

Table 70. Mexico: Industrial Lubricants for Machine Tools Market – Volume, 2021 – 2024 (Kilo Tons) – by Mexico

Table 71. Mexico: Industrial Lubricants for Machine Tools Market – Volume Forecast, 2025 – 2031 (Kilo Tons) – by Mexico

Table 72. Mexico: Industrial Lubricants for Machine Tools Market – Revenue, 2021–2024 (US\$ Million) – by Function

Table 73. Mexico: Industrial Lubricants for Machine Tools Market – Revenue Forecast, 2025–2031 (US\$ Million) – by Function

Table 74. Mexico: Industrial Lubricants for Machine Tools Market – Volume, 2021 – 2024 (Kilo Tons) – by Mexico

Table 75. Mexico: Industrial Lubricants for Machine Tools Market – Volume Forecast, 2025 – 2031 (Kilo Tons) – by Mexico

Table 76. Mexico: Industrial Lubricants for Machine Tools Market – Revenue, 2021–2024 (US\$ Million) – by Application

Table 77. Mexico: Industrial Lubricants for Machine Tools Market – Revenue Forecast, 2025–2031 (US\$ Million) – by Application

Table 78. Glossary – North America Industrial Lubricants for Machine Tools Market

## List Of Figures

### LIST OF FIGURES

Figure 1. North America Industrial Lubricants for Machine Tools Market – Value Chain Analysis

Figure 2. Porter's Five Forces Analysis

Figure 3. Pest Analysis

Figure 4. North America Industrial Lubricants for Machine Tools Market – Key Industry Dynamics

Figure 5. Impact Analysis of Drivers and Restraints

Figure 6. North America Industrial Lubricants for Machine Tools Market Volume (Kilo Tons) (US\$ Million), 2021–2031

Figure 7. North America Industrial Lubricants for Machine Tools Market Revenue and Forecast (US\$ Million), 2021–2031

Figure 8. North America Industrial Lubricants for Machine Tools Market Share (%) – by Base Oil (2024 and 2031)

Figure 9. Mineral Oil: North America Industrial Lubricants for Machine Tools Market – Volume and Forecast, 2021 – 2031 (Kilo Tons)

Figure 10. Mineral Oil: North America Industrial Lubricants for Machine Tools Market – Revenue and Forecasts, 2021–2031 (US\$ Million)

Figure 11. Synthetic Oil: North America Industrial Lubricants for Machine Tools Market – Volume and Forecast, 2021 – 2031 (Kilo Tons)

Figure 12. Synthetic Oil: North America Industrial Lubricants for Machine Tools Market – Revenue and Forecasts, 2021–2031 (US\$ Million)

Figure 13. Bio-based Oil: North America Industrial Lubricants for Machine Tools Market – Volume and Forecast, 2021 – 2031 (Kilo Tons)

Figure 14. Bio-based Oil: North America Industrial Lubricants for Machine Tools Market – Revenue and Forecasts, 2021–2031 (US\$ Million)

Figure 15. North America Industrial Lubricants for Machine Tools Market Share (%) – by Product Type (2024 and 2031)

Figure 16. Spindle Oils: North America Industrial Lubricants for Machine Tools Market – Volume and Forecast, 2021 – 2031 (Kilo Tons)

Figure 17. Spindle Oils: North America Industrial Lubricants for Machine Tools Market – Revenue and Forecasts, 2021–2031 (US\$ Million)

Figure 18. Hydraulic Oils: North America Industrial Lubricants for Machine Tools Market – Volume and Forecast, 2021 – 2031 (Kilo Tons)

Figure 19. Hydraulic Oils: North America Industrial Lubricants for Machine Tools Market – Revenue and Forecasts, 2021–2031 (US\$ Million)

Figure 20. Way or slideway Oils: North America Industrial Lubricants for Machine Tools

Market – Volume and Forecast, 2021 – 2031 (Kilo Tons)

Figure 21. Way or slideway Oils: North America Industrial Lubricants for Machine Tools Market – Revenue and Forecasts, 2021–2031 (US\$ Million)

Figure 22. Gear Oils: North America Industrial Lubricants for Machine Tools Market – Volume and Forecast, 2021 – 2031 (Kilo Tons)

Figure 23. Gear Oils: North America Industrial Lubricants for Machine Tools Market – Revenue and Forecasts, 2021–2031 (US\$ Million)

Figure 24. Others: North America Industrial Lubricants for Machine Tools Market – Volume and Forecast, 2021 – 2031 (Kilo Tons)

Figure 25. Others: North America Industrial Lubricants for Machine Tools Market – Revenue and Forecasts, 2021–2031 (US\$ Million)

Figure 26. North America Industrial Lubricants for Machine Tools Market Share (%) – by Function (2024 and 2031)

Figure 27. Lubrication and Wear Reduction: North America Industrial Lubricants for Machine Tools Market – Volume and Forecast, 2021 – 2031 (Kilo Tons)

Figure 28. Lubrication and Wear Reduction: North America Industrial Lubricants for Machine Tools Market – Revenue and Forecasts, 2021–2031 (US\$ Million)

Figure 29. Cooling or Heat Dissipation: North America Industrial Lubricants for Machine Tools Market – Volume and Forecast, 2021 – 2031 (Kilo Tons)

Figure 30. Cooling or Heat Dissipation: North America Industrial Lubricants for Machine Tools Market – Revenue and Forecasts, 2021–2031 (US\$ Million)

Figure 31. Chip or Swarf Removal: North America Industrial Lubricants for Machine Tools Market – Volume and Forecast, 2021 – 2031 (Kilo Tons)

Figure 32. Chip or Swarf Removal: North America Industrial Lubricants for Machine Tools Market – Revenue and Forecasts, 2021–2031 (US\$ Million)

Figure 33. Corrosion or Rust Protection: North America Industrial Lubricants for Machine Tools Market – Volume and Forecast, 2021 – 2031 (Kilo Tons)

Figure 34. Corrosion or Rust Protection: North America Industrial Lubricants for Machine Tools Market – Revenue and Forecasts, 2021–2031 (US\$ Million)

Figure 35. Others: North America Industrial Lubricants for Machine Tools Market – Volume and Forecast, 2021 – 2031 (Kilo Tons)

Figure 36. Others: North America Industrial Lubricants for Machine Tools Market – Revenue and Forecasts, 2021–2031 (US\$ Million)

Figure 37. North America Industrial Lubricants for Machine Tools Market Share (%) – by Application (2024 and 2031)

Figure 38. Machine Slides or ways: North America Industrial Lubricants for Machine Tools Market – Volume and Forecast, 2021 – 2031 (Kilo Tons)

Figure 39. Machine Slides or ways: North America Industrial Lubricants for Machine Tools Market – Revenue and Forecasts, 2021–2031 (US\$ Million)

Figure 40. Hydraulic System: North America Industrial Lubricants for Machine Tools Market – Volume and Forecast, 2021 – 2031 (Kilo Tons)

Figure 41. Hydraulic System: North America Industrial Lubricants for Machine Tools Market – Revenue and Forecasts, 2021–2031 (US\$ Million)

Figure 42. Spindle Bearings: North America Industrial Lubricants for Machine Tools Market – Volume and Forecast, 2021 – 2031 (Kilo Tons)

Figure 43. Spindle Bearings: North America Industrial Lubricants for Machine Tools Market – Revenue and Forecasts, 2021–2031 (US\$ Million)

Figure 44. Gearboxes: North America Industrial Lubricants for Machine Tools Market – Volume and Forecast, 2021 – 2031 (Kilo Tons)

Figure 45. Gearboxes: North America Industrial Lubricants for Machine Tools Market – Revenue and Forecasts, 2021–2031 (US\$ Million)

Figure 46. Others: North America Industrial Lubricants for Machine Tools Market – Volume and Forecast, 2021 – 2031 (Kilo Tons)

Figure 47. Others: North America Industrial Lubricants for Machine Tools Market – Revenue and Forecasts, 2021–2031 (US\$ Million)

Figure 48. North America Industrial Lubricants for Machine Tools Market Breakdown by Key Countries, 2024 and 2031 (%)

Figure 49. United States: Industrial Lubricants for Machine Tools Market Revenue and Forecasts, 2021–2031 (US\$ Million)

Figure 50. Canada: Industrial Lubricants for Machine Tools Market Revenue and Forecasts, 2021–2031 (US\$ Million)

Figure 51. Mexico: Industrial Lubricants for Machine Tools Market Revenue and Forecasts, 2021–2031 (US\$ Million)

Figure 52. Bottom–Up Approach and Top–Down Approach

## I would like to order

Product name: North America Industrial Lubricants for Machine Tools Market Size and Forecast (2021 - 2031), Regional Share, Trend, and Growth Opportunity Analysis Report Coverage: By Base Oil (Mineral Oil, Synthetic Oil, and Bio-based Oil), By Product Type (Spindle Oils, Hydraulic Oils, Way or slideway Oils, Gear Oils, and Others), By Function (Lubrication and Wear Reduction, Cooling or Heat Dissipation, Chip or Swarf Removal, Corrosion or Rust Protection, and Others), By Application (Machine Slides or ways, Hydraulic System, Spindle Bearings, Gearboxes, and Others), and Country

Product link: <https://marketpublishers.com/r/N587A5357611EN.html>

Price: US\$ 3,450.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/N587A5357611EN.html>