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# Global Water-soluble PAG Market Growth 2026-2032

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## Abstracts

The global Water-soluble PAG market size is predicted to grow from US$ 173 million in 2025 to US$ 283 million in 2032; it is expected to grow at a CAGR of 7.5% from 2026 to 2032.

In 2024, global water-soluble PAG production is projected to reach 80,000 tons, with an average selling price of US$2,100 per ton, a production capacity of 100,000 tons, and a gross profit margin of 25%. This translates to a market size of US$168 million in 2024.

Water-soluble PAG (Polyalkylene Glycol) is a type of synthetic base oil or lubricant additive that dissolves in water and is widely used in applications such as metalworking fluids, water-based hydraulic fluids, and environmentally friendly lubricants due to its low toxicity, excellent lubricity, and thermal stability.

The upstream of water-soluble PAG mainly involves ethylene oxide, propylene oxide and other petrochemical intermediates as raw materials, while the downstream includes manufacturers of metalworking fluids, water-based lubricants, and eco-friendly hydraulic fluids.

United States market for Water-soluble PAG is estimated to increase from US$ million in 2025 to US$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for Water-soluble PAG is estimated to increase from US$ million in 2025 to US$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for Water-soluble PAG is estimated to increase from US$ million in 2025 to US$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key Water-soluble PAG players cover Clariant, Cargill, ShanDong Inov

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Polyurethane, Dow, Nanjing Well Pharmaceutical, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

## Report Scope

LP Information, Inc. (LPI) ' newest research report, the “Water-soluble PAG Industry Forecast” looks at past sales and reviews total world Water-soluble PAG sales in 2025, providing a comprehensive analysis by region and market sector of projected Water-soluble PAG sales for 2026 through 2032. With Water-soluble PAG sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US$ millions of the world Water-soluble PAG industry.

This Insight Report provides a comprehensive analysis of the global Water-soluble PAG landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Water-soluble PAG portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms’ unique position in an accelerating global Water-soluble PAG market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Water-soluble PAG and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Water-soluble PAG.

This report presents a comprehensive overview, market shares, and growth opportunities of Water-soluble PAG market by product type, application, key manufacturers and key regions and countries.

## Market Segmentation

### Segmentation by Type:

EO?60%

EO?60%

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## Segmentation by Application:

- Compressor Oil
- Hydraulic Oil
- Gear and Chain Oil
- Bearing Oil
- Other

This report also splits the market by region:

- Americas
  - United States
  - Canada
  - Mexico
  - Brazil
- APAC
  - China
  - Japan
  - Korea
  - Southeast Asia
  - India
  - Australia

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- Europe
  - Germany
  - France
  - UK
  - Italy
  - Russia
- Middle East & Africa
  - Egypt
  - South Africa
  - Israel
  - Turkey
  - GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

- Clariant
- Cargill
- ShanDong Inov Polyurethane
- Dow
- Nanjing Well Pharmaceutical

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Jiangsu Lihong Technology

NH Chemical

GEO Specialty Chemicals (CPS Performance Materials)

## Key Questions Addressed in this Report

What is the 10-year outlook for the global Water-soluble PAG market?

What factors are driving Water-soluble PAG market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Water-soluble PAG market opportunities vary by end market size?

How does Water-soluble PAG break out by Type, by Application?

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