

Molybdenum Disulfide Market Sale to Reach USD 589.24 Million in 2030: Repots And Data

Key factors driving market revenue growth are increasing demand for lubricants that efficiently work in inert & moisture-free environments in industrial setting

NEW YORK CITY, NY, UNITED STATES,
April 13, 2022 /EINPresswire.com/ --
According to the latest report by
Reports and Data, [global Molybdenum](#)

[Disulfide Market](#) size is expected to reach USD 589.24 Million in 2030 and register a CAGR of 3.68% over the forecast period. Molybdenum disulfide is extensively used in helicopter rotor blades, elevators, laser solar cells, semiconductors, warheads, nozzles, and impingement coatings. Increasing demand for molybdenum disulfide grease in automotive applications is a key factor that will upsurge market revenue growth. Molybdenum disulfide, also known as MoS₂, is silvery black inorganic compound that can be used as dry lubricant in paints, dispersions, and coatings. It exhibits various excellent properties such as high tensile strength, low coefficient of friction, radiation protection, and stability in most solvents.

Molybdenum disulfide finds application in petrochemical industry as a catalyst in desulfurization, and in other organic reactions as hydrogenation catalyst. In the electronics industry, it is utilized in ultra-low power transistors, field-effect transistors, photo detectors, and image sensors owing to its semiconductor attributes. Molybdenum disulfide transistors are expected to exceed the performance of silicon-based field-effect transistors in terms of power efficiency, and on/off ratio. MoS₂ can protect a component from corrosion when combined with resins or binders. In the medical sector, the potential of molybdenum disulfide nanocomposites in cancer detection, cure, and antibacterial materials is in the stage of research.

Molybdenum disulfide is widely used in end-use industries such as chemical and petrochemical, automotive, industrial, aerospace and defense, construction, electronics, metal and mining, and others. Chemical and petrochemical industry segment accounted for largest revenue share in the global market in 2021. This can be attributed to growing usage of molybdenum disulfide as solid lubricant and hydro desulfurization catalyst in chemical and petrochemical applications. Asia Pacific market is expected to register fastest CAGR among all regions over the forecast



Reports And Data

period. Major factors contributing to revenue growth are rapid industrialization, growing automobile industry, and construction sectors in the region.

Grab Your Free Sample Copy Now @ <https://www.reportsanddata.com/sample-enquiry-form/2487>

Some major companies operating in the market include

Moly Metal LLP, Rose Mill Company, China Molybdenum Co., Ltd, Yogi Dye Chem Pvt. Ltd., Omkar Speciality Chemicals Ltd., Sisco Research Laboratories Pvt. Ltd., US Research Nanomaterials, Inc., American Elements, Fuchs Petrolub SE, DuPont de Nemours, Inc., among others.

Some Key Highlights From the Report:

In February 2021, the Fuchus group acquired 70% of the lubricant business of the specialty distributor STD & S Co., Ltd. based in Vietnam and integrated it into the subsidiary Fuchus Lubricants Vietnam Company Ltd.

Powder form segment is expected to register fastest CAGR over the forecast period. Recent development of 2D molybdenum disulfide and growing demand for its application in cold forging are important drivers for market revenue growth in the segment.

The North America molybdenum disulfide market accounted for second largest revenue share in the global market in 2021. Presence of major molybdenum producing countries , growing end-use industries such as aerospace and automotive are some major factors fostering market revenue growth of the North America molybdenum disulfide market.

Receive Download Summary: <https://www.reportsanddata.com/download-summary-form/2487>

For the purpose of this report, Reports and Data has segmented molybdenum disulfide market based on form, application, end-use, and region:

Form Outlook (Volume, Tons; 2019-2030 and Revenue, USD Million; 2019-2030)

Powder

Crystals

Application Outlook (Volume, Tons; 2019-2030 and Revenue, USD Million; 2019-2030)

Greases

Machinery Parts

Others (Transportation & Mining)

Pastes

Machinery Parts

Splines

Gears

Universal Joints

Metal Forming

Oil & Synthetic Fluid
Gears
Reducers
Cams
Others
Water Suspensions
Lubrication
Threads
Slices
Packaging
Die Casting
Coatings
Threads
Tools
Switches
Locks
Valves
Slide
Process Lubrication
Metal Working
Metal Working Compounds
Extrusion
Cold Forming
Wire Drawing
Deep Drawing
Pure/Mix Powders
Punch Line
Forming
Stamping
Relays
Switches
Packaging

End-Use Outlook (Volume, Tons; 2019-2030 and Revenue, USD Million; 2019-2030)

Chemical & Petrochemical
Automotive
Industrial Usage
Aerospace & Defense
Construction
Electronics
Electrochemical Sensors
Biosensor
Metal & Mining

Others

Request a customized copy of the report @ <https://www.reportsanddata.com/request-customization-form/2487>

Regional Outlook (Volume, Tons; 2019-2030 and Revenue, USD Million; 2019-2030)

North America

Europe

Asia Pacific

Latin America

Middle East & Africa

Thank you for reading our report. To know more about the customization or any query about the report contents, please connect with us and our team will ensure the report is tailored to meet your requirements.

Explore Reports and Data's Prime Analysis of the global Materials and Chemicals Industry:

hybrid composites market@ <https://www.reportsanddata.com/report-detail/hybrid-composites-market>

anti slip additives market@ <https://www.reportsanddata.com/report-detail/anti-slip-additives-market>

plant growth regulators market@ <https://www.reportsanddata.com/report-detail/plant-growth-regulators-market>

can coating market@ <https://www.reportsanddata.com/report-detail/can-coating-market>

About Reports and Data

Reports and Data is a market research and consulting company that provides syndicated research reports, customized research reports, and consulting services. Our solutions purely focus on your purpose to locate, target, and analyze consumer behavior shifts across demographics, across industries, and help clients to make smarter business decisions. We offer market intelligence studies ensuring relevant and fact-based research across multiple industries, including Healthcare, Touch Points, Chemicals, Products, and Energy. We consistently update our research offerings to ensure our clients are aware of the latest trends existent in the market. Reports and Data has a strong base of experienced analysts from varied areas of expertise. Our industry experience and ability to develop a concrete solution to any research problems provides our clients with the ability to secure an edge over their respective competitors.

Tushar Rajput

Reports and Data

+ + 12127101370

[email us here](#)

Visit us on social media:

[Facebook](#)

[Twitter](#)

[LinkedIn](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/568394795>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2022 IPD Group, Inc. All Right Reserved.