



ENGINEERED TO GLOBAL STANDARDS

Molygraph is India's leading engineered lubricants company. For over 32 years we have mastered the art and science of making high quality specialty lubricants, for various industries and applications. At the core of each of our products lies our strong emphasis on Research and Development. Coupled with it comes an extensive understanding of our client's businesses, which helps us develop the right solutions for each of our clients.

Apart from developing international quality products we put special focus on customer service. We prefer to solve problems rather than sell products, create value instead of focusing on margins and build long term relationships in place of client acquisitions.

Behind each of our products lies our strong unwavering passion to surpass global standards by continuously investing in intensive R&D.

It is the quality of our products and service that has made us one of the only Indian companies to have pan-India presence along with some of the most reputable industrial houses as partners.

GLOBAL PRESENCE

ASIA - AFRICA - SOUTH AMERICA

AUTHORISED DISTRIBUTORS



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CORE EXPERTISE



PRODUCT LINE

- Lubricating Greases & Pastes
- Lubricating Oils
- Lubricating Sprays
- Metal Working Fluids
- Rust Preventives
- Cleaners & Degreasers
- Solid Lubricant Dispersions
- Thread Dope Compounds



APPLICATION AREAS

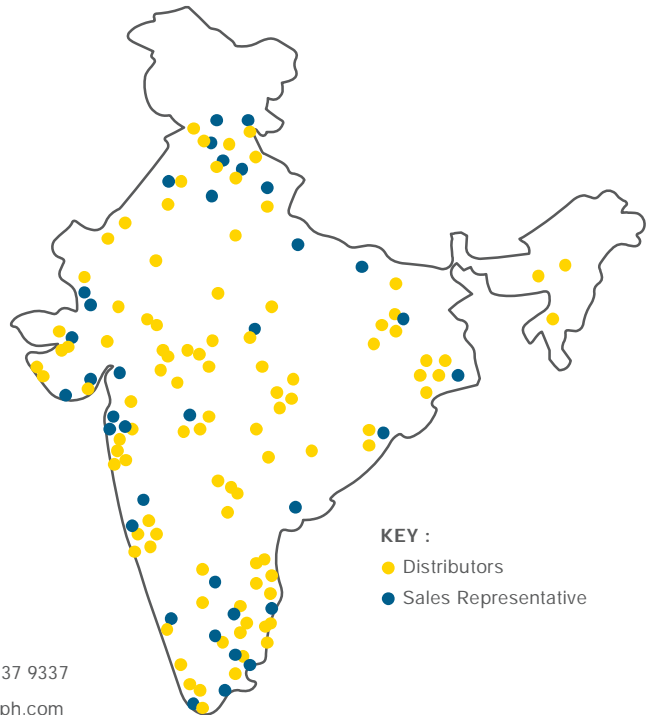
- Bearings
- Chain & Wire Ropes
- Conveyor Chains
- Forging & Extrusion
- Gears
- Metal Cutting & Grinding
- Metal Punching & Stamping
- Nuts, Bolts & Threads
- Sheet Metal Drawing



BUSINESS VERTICALS

- Automotive
- Food & Pharma
- Forging
- General Engineering
- Metal Forming
- Mining
- Oil & Gas
- Steel

PAN INDIA MARKETING AND DISTRIBUTORS NETWORK





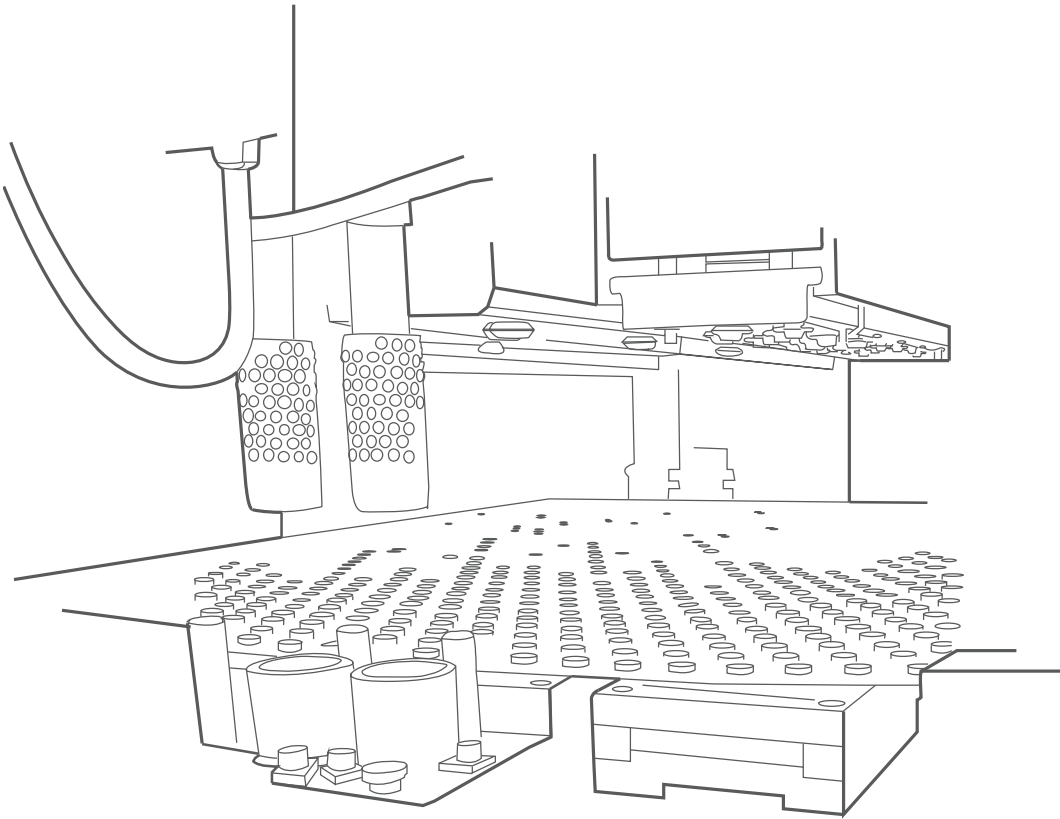
METAL PUNCHING & STAMPING

Customized range for Punching & Stamping Oils



**GLOBAL STANDARDS
CUSTOMIZED SOLUTIONS
UNPARALLELED SERVICE**

www.molygraph.com



METAL PUNCHING & STAMPING

PUNCHING AND STAMPING

The SmoothForm range of evaporative lubricants have been specifically developed for sheet metal stamping and punching of aluminium components. They provide excellent boundary lubrication, a clean surface and eliminate smoke during the annealing process. Some of the world's leading manufactures use our oils, that have been developed after intense R&D and industry understanding.

DEVELOPED WITH ADVANCED TECHNOLOGY

The SmoothForm range has been formulated keeping in mind specific boiling points, boundary lubrication additives and evaporation rates that are suited for particular applications. The formulations enhance productivity levels by balancing our drying times and lubricity requirements. The use of synthetic isoparaffinic oils ensure protection from formicary corrosion during forming operations. These fluids are odourless and prevent skin irritation and are conducive for a safe working environment.

The minimal oil residue left behind is compatible with R-407C, R-409, R-410A, R22, R134A and other new age freons. Ingredients used in SmoothForm range of lubricants have been approved by the FDA and is RoHS compliant.

CUSTOMISED FORMULATIONS

The SmoothForm range of oils have been developed by using the most advanced chemistries available. This makes the oils at par with the latest improvements in production capabilities. The entire range also matches up when it comes to material compatibility, wetting properties, tool and die life improvements and refrigerant compatibility. Moreover, with new environmental rules requiring lower VOCs the SmoothForm range of oils become an ideal solution.

APPLICATIONS

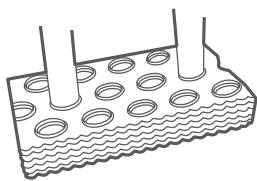
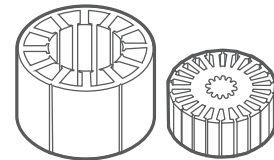
While developing the SmoothForm range, we kept its various applications in mind, which allowed us to develop a comprehensive range that caters to manufacturing of HVAC systems, Automotive Radiators, Aluminium Food Containers as well as Heat Exchanger Hair Pin Copper Tubes that have different requirements in terms of lubricity, drying times and VOC levels. Each of these application needs alterations in formulations which is evident in our vast range.

SOME OF THE ADVANTAGES OF THE SMOOTHFORM® SERIES ARE:

- Excellent Lubrication at Room Temperatures
- Low Coefficient of Friction
- Extends Life of Metal Moulds
- Does not React with Aluminum and Copper
- Colourless and Odourless
- Evaporative and Clean Burning

SMOOTHFORM 120 P

Specialized evaporative oil formulated specifically for motor core manufacturing. The excellent boundary lubrication and the fast rate of evaporation prevent sticking of individual cores during stacking and give superior surface finish.



SMOOTHFORM 130 F

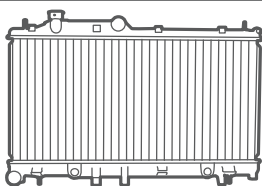
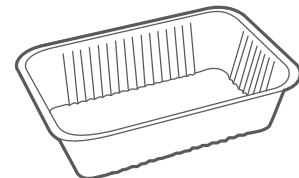
NSF H1

Highly versatile evaporative oil that can be used in a variety of applications such as production of aluminum fins for HVAC units, copper tube bending in heat exchangers & stamping of aluminum foil containers for the food packaging industry. Compatible with R-407C, R-409, R-410A, R22, R-134A and other new age freons.

SMOOTHFORM 130 M

NSF H1

Modified version of SmoothForm 130 F. Specialized additive package adds better lubricity and EP properties with a fast rate of evaporation. This product is mainly used in aluminum fin press stamping with lower FPI and production of aluminum food containers with critical bends requiring higher lubricity and EP properties.



SMOOTHFORM 150 S

Slower rate of evaporation. Stable and versatile product that can be used for a range of applications including manufacturing of Automotive radiators and aluminum fin stamping in HVAC production and copper tube bending operations. Approved & certified by all major air conditioner manufacturers.