



## SMOOTHNESS THAT ENHANCES PRECISION

At Molygraph we focus on creating cutting edge products so that you can get top of the line results. We understand the importance of precision when it comes to metal working, hence we have developed this range of fluids after intense R&D and consultations with all our clients. Most of our products are a result of long held relationships that have given us an in-depth understanding of the way the metal working industry functions. Moreover each of our products is custom made for specific applications, because each of them have come about as an answer to various engineering challenges that a lot of our clients have faced. We don't just stop there, we continually develop newer versions of existing fluids or create newer solutions for our client's challenges, through intensive R&D and newer learnings. That's why some of the world's leading companies choose us.



## 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



#### Anand Engineers Pvt. Ltd.

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Andheri (E), Mumbai 400 093. INDIA.

T : +91 22 2821 9292 / 98 / 99 | F : +91 22 2837 9337

E : sales@molygraph.com | W : www.molygraph.com

## CORE EXPERTISE



### PRODUCT LINE

- Speciality Lubricants
- Hot Forging Lubricants
- Metal Working Fluids
- Metal Forming Lubricants
- Cleaners & Degreasers
- Rust Preventives
- Thread Dope Compounds
- Maintenance, Repairs & Operation Products



### APPLICATION AREAS

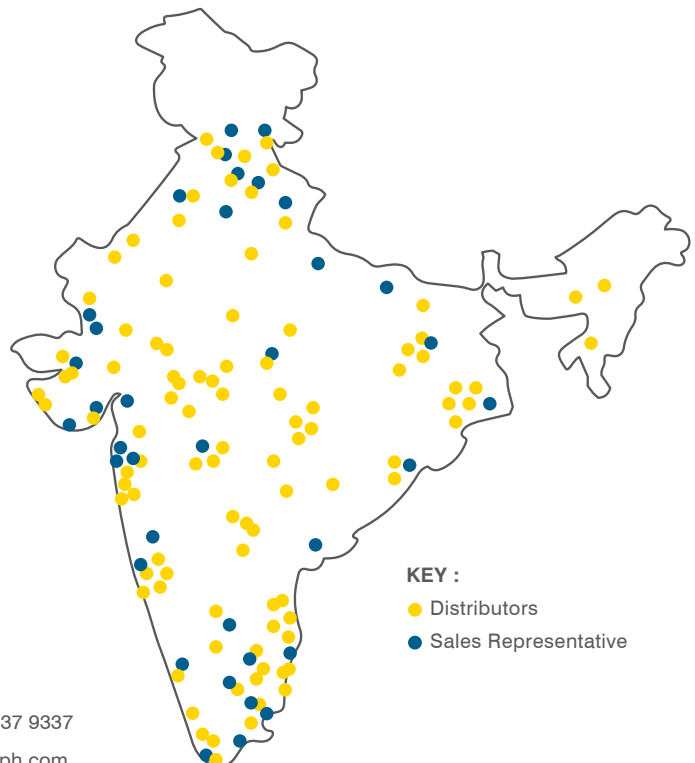
- Bearings
- Gears
- Conveyor Chain
- Nuts & Bolts
- Metal Cutting
- Metal Forming
- Deep Drawing



### BUSINESS VERTICALS

- Automotive
- Drawing & Pressing
- Food & Pharma
- Forging
- Metal Working
- Mining
- Off shore & On Shore Drilling
- Punching & Stamping
- Steel

## PAN INDIA MARKETING AND DISTRIBUTORS NETWORK





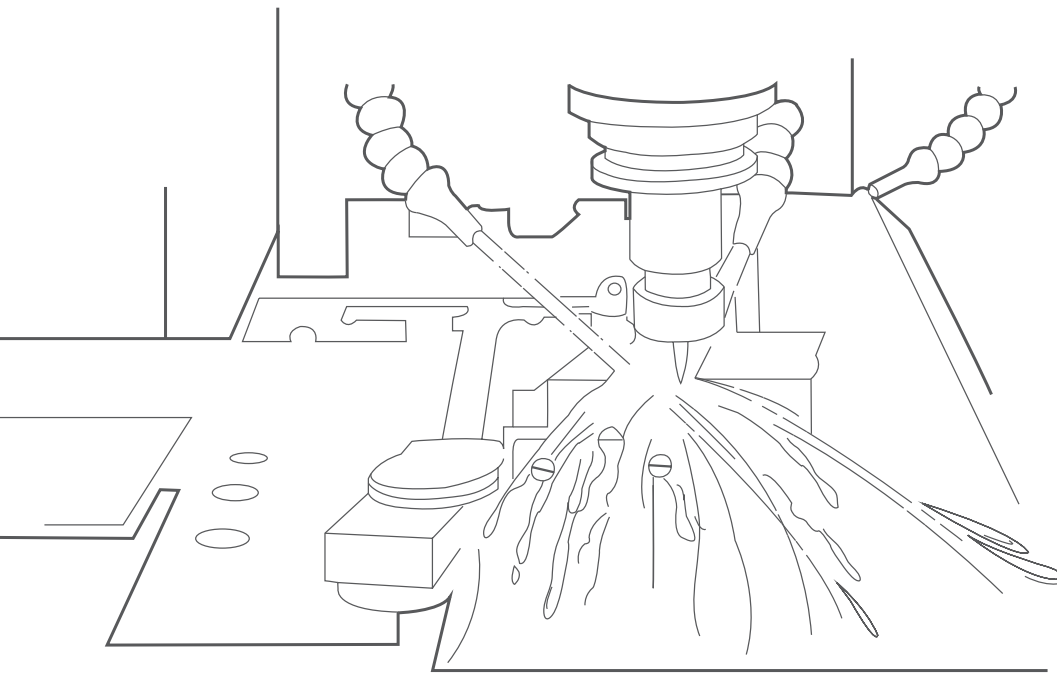
# METAL WORKING

Customized range of Metal Working Fluids



**GLOBAL STANDARDS  
CUSTOMIZED SOLUTIONS  
UNPARALLELED SERVICE**

[www.molygraph.com](http://www.molygraph.com)



# METAL WORKING

Metal working is a demanding application. It comes with a host of challenges at every stage of the process. Hence the right kind of fluid plays a vital role in solving issues that crop up when working with metal. Moreover the surface finish and aesthetics are very important for this industry and hence special attention has to be paid to this factor from the start.

As the name suggests the SmoothKut range of metal working fluids makes the entire process smoother. It makes working with metal easier and increases sump life in addition to other benefits.

We provide a range of services to customers including fluid monitoring and coolant management to assist users in getting the most from the lubricant.















## SMOOTHKUT® HAS A RANGE OF BENEFITS, SOME OF THEM ARE:

- Optimum Top Up Ratios :  
Reduced Consumption
- Operator Friendly - No Detrimental  
Effects to Operators Health
- Excellent Lubricity :  
Extends Tool Life
- Low Foaming :  
Can be used in High Pressure Systems
- Strong Rust and Corrosion  
Protection
- Efficient Tramp Oil Rejection
- No Sludge or Scum Formation
- HSE Compliant Product Free of  
Heavy Metals
- Excellent Biostability
- Good Flush Ability and Detergency  
Properties
- Improves Surface Finish

## O1 | SMOOTHKUT® RANGE | COOLANTS

The Smoothkut range of metal working fluids are based on our in depth understanding of the metal working industry and processes. They have been developed after a lot of R&D and trials and are a product of extensive experience. The range encompasses hard and soft water based fluids that can be customized for various uses.

### SEMI-SYNTHETIC

PRODUCTS	APPLICATION	WATER HARDNESS	MATERIAL
<b>SMOOTHKUT SS 5100 SUPER</b> Economical High Performance Coolant	Grinding, Sawing, Turning, Drilling, Boring & Milling.	150-400	 
<b>SMOOTHKUT SS 5200 PLUS</b> Biostable Premium Grade Coolant	Sawing, Turning, Drilling, Boring, Milling, Reaming, Tapping.	150-500	
<b>SMOOTHKUT SS ULTRA TOUGH 2010</b> High Performance Biostable Long Sump Life Coolant	Sawing, Turning, Drilling, Boring, Milling, Grinding.	50-1000	 
<b>SMOOTHKUT SS ULTRA TOUGH 2020</b> Premium Grade Biostable Long Sump Life Coolant	Sawing, Turning, Drilling, Boring, Milling, Grinding.	50-1000	 
<b>SMOOTHKUT SS ULTRA LF 2000</b> Premium Grade Coolant for High Pressure & Soft Water Operations	Sawing, Turning, Drilling, Boring, Milling.	50-500	 
<b>SMOOTHKUT SS 5400 NF</b> High Performance Coolant for Non Ferrous Materials	Sawing, Turning, Drilling, Boring, Milling, Reaming, Tapping.	150-500	 
<b>SMOOTHKUT SS 5300 AL</b> Highly Biostable Long Sump Life Coolant for precision Aluminium Machining	Sawing, Turning, Drilling, Boring, Milling, Reaming, Tapping.	150-500	



aluminium



cast iron



copper



ferrous



steel




multi-metal

## SYNTHETIC







PRODUCTS	APPLICATION	WATER HARDNESS	MATERIAL
<b>SMOOTHKUT FS 6100</b> High Performance Water Miscible Grinding Fluid	Cylindrical Grinding & Surface Grinding.	150-500	 

## SOLUBLE

PRODUCTS	APPLICATION	WATER HARDNESS	MATERIAL
<b>SMOOTHKUT SO 7100</b> Multi Purpose Milky Soluble Cutting Oil	Machining, Threading, Deep Drilling Operation, Reaming, Grinding.	150-500	

## O2 | SMOOTHKUT® RANGE | NEAT CUTTING OILS

The Smoothkut range of cutting oils has been specially developed for severe conditions. They provide superior tool life and surface finishes in low speed machining and are significantly better than water based cutting fluids. In addition these oils can withstand higher temperatures and faster machining speeds thereby enhancing productivity and profitability.

PRODUCTS	APPLICATION	VISCOSITY @ 40°C	MATERIAL
<b>SMOOTHKUT HON 5</b> Chlorine Free Honing & Superfinishing Oil	For Honing, Grinding and General Machining	5-6 cSt	
<b>SMOOTHKUT GUN DRILL 9</b> Chlorine Free Gun Drilling Oil	Deep hole Drilling, Boring & Trepanning	9-12 cSt	
<b>SMOOTHKUT BROACH 35 (CF)</b> Extreme Pressure, Chlorine Free Neat Cutting Oil	Drilling, Threading, Gear Cutting & Reaming Operations	30-35 cSt	  
<b>SMOOTHKUT BROACH 35</b> Extreme Pressure Heavy Duty Neat Cutting Oil	Hobbing, Drilling, Threading, Broaching, Gear Cutting & Reaming.	30-35 cSt	



aluminium



cast iron



copper



ferrous



steel



multi-metal