

**MOLYSLIP®**

# Leading the way in advanced lubricant technology



SUPERIOR LUBRICANTS FOR SUPERIOR PERFORMANCE



## The science of lubrication

Molyslip® is an independent, UK-based manufacturer of specialist industrial lubricants, supplying products in the UK and internationally, exporting to over 60 countries around the world.

Molyslip® leads the way in advanced lubricant technology, delivering superior performance every time with tried and tested lubricants used in the marine, automotive, metalworking, oil and gas, rail, food and beverage industries.

Science remains at the heart of our success and our purpose-built, state-of-the-art laboratories meet all the requirements for a 21st century lubricant developer, allowing us to produce premium products that repeatedly out-perform the competition.

The Molyslip® product range includes specialist anti-seize and assembly compounds plus oils and greases offering superior extreme-pressure and anti-wear properties. Molyslip® products reduce operating costs by prolonging tool life, improving component quality and extending maintenance intervals.

Research and development is key to the business. The company is constantly investing in the Molyslip® Technology Centre – ensuring technical excellence and innovation across its entire range of products and services.

Our success also lies in our ability to be flexible, offering unrivalled technical and after-sales support. It is our priority for customers to run at peak efficiency – and for 80 years we have delivered a world-class service and superior-performance products.





# Anti-seize and assembly

The Molyslip® range of premium-performance anti-seize and assembly lubricants is specifically formulated to prevent seizure of threaded fasteners and mechanisms induced by extremes of temperature, pressure and corrosion.

A comprehensive range of metal-filled and metal-free compounds that provide solutions for a multitude of applications, operating temperatures, environments, operating conditions and component materials.

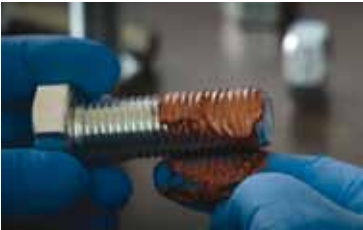
Providing outstanding protection to threads and components, the range includes the world famous COPASLIP™, the tried and tested choice of champions, as well as specialist products including food-grade and non-metallic variants.

## COPASLIP® High-performance anti-seize and assembly compound

- Protects against galling and seizure
- Ensures consistent friction between threads
- Protects against rust and corrosion
- Highly resistant to water wash-out
- Withstands extreme temperature up to +1100°C



COPASLIP®	Product Code
100g Tube	M113001
500g Tin	M113005
5kg Pail	M113050
20kg Pail	M113020
400ml Aerosol	M113004



## ALUMSLIP Aluminium-based anti-seize compound

- Temperature capability up to +650°C
- Ensures consistent friction between threads
- Protects against galling and seizure
- Protects against rust and corrosion
- For use where copper is not desirable

ALUMSLIP	Product Code
500g Tin	M111005



## FERROSLIP High-temperature anti-seize compound

- High temperature capability up to +1400°C
- Ensures consistent friction between threads
- Protects against galling and seizure
- Use on high strength fasteners
- Eases assembly of tight tolerance components
- Nickel free for improved health and safety

FERROSLIP	Product Code
500g Tin	M120005

## GRAPHSLIP Graphite-based anti-seize compound

- Ensures consistent friction between threads
- Protects against galling and seizure
- Excellent protection against rust and corrosion
- Eases assembly and dismantling of components

GRAPHSLIP	Product Code
500g Tin	M127005



## CERAMSLIP Metal-free anti-seize

- High-temperature capability up to +1500°C
- Ensures consistent friction between threads
- Protects against galling and seizure
- Nickel-free alternative for high-strength fasteners
- Eases assembly and dismantling of components

CERAMSLIP	Product Code
500g Tin	M119005



## FOODSLIP Food-grade anti-seize

- Suitable for incidental food contact – InS H1 registered
- Ensures consistent friction between threads
- Protects against galling and seizure
- Resistant to water wash-out and protects against corrosion
- Eases assembly and dismantling of components

FOODSLIP	Product Code
500g Tin	M112005



## AS40 & AS60 Anti-scuffing and assembly pastes

- Ensures bedding in without scuffing or scoring
- Reduces wear and cuts costs
- Protects against rust and corrosion
- Eases assembly of tight-tolerance components
- Withstands extreme loads

AS40	Product Code
500g Tin	M115005
5kg Pail	M115050

AS60	Product Code
500g Tin	M116005
5kg Pail	M116050



## DRY MOLY SPRAY Dry film molybdenum disulphide

- Prevents pick-up and galling
- Dry, low coefficient of friction film provides outstanding protection against wear
- Wide operating temperature range of -50°C to +450°C
- Touch dry in under 1 minute allows components to be in service quickly
- Does not attract dirt and dust

DRY MOLY SPRAY	Product Code
400ml Aerosol	M114004



# Metalworking

The Molyslip® metalworking range of high-performance lubricants is designed for severe metalcutting operations such as broaching, drilling, sawing, reaming and tapping. Molyslip® metalcutting lubricants allow higher metal removal rates, increased tool life, dimensional accuracy and improved surface finish.

Molyslip® MQL is a range of high-performance lubricants designed for the near-dry machining of ferrous and non-ferrous metals. The high-polarity natural base fluids exhibit excellent metal-wetting properties and outstanding film strength, virtually eliminating contact between tool and the workpiece.

The Molyslip® TAP range offers superior lubrication and EP performance for high-severity applications. Chlorine-free and water-soluble Chlorine and Sulphur-free options are also available.

## Molyslip® MQL near-dry metalworking lubricants

### Minimum quantity lubricants for metal cutting

#### The benefits of MQL

- Provides optimum hydrodynamic and boundary lubrication to extend tool life and provide outstanding surface finish
- Leaves components almost dry
- Low odour, pleasant to use
- Eliminates waste-oil disposal costs
- Suitable for replacing flood-applied coolants in a wide range of machining applications and processes
- Free from mineral oil, silicones, chlorine and sulphur

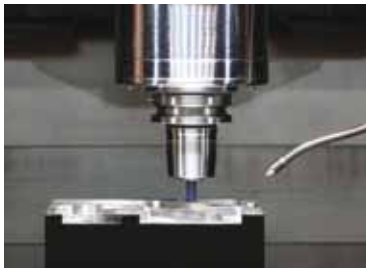
#### MQL 20

##### Heavy-duty machining lubricant

- High-performance lubricant based on highly refined natural base oils
- Excellent compatibility with ferrous and non-ferrous metals
- Must be cleaned off prior to heat treatment

#### MQL 20

- 5ltr Poly Container
- 20ltr Poly Container



#### MQL 40

##### Medium-duty machining lubricant

- High-performance light-viscosity lubricant based on fatty alcohol
- Suitable for non-ferrous metals, especially aluminium
- No cleaning required prior to heat treatment

#### MQL 40

- 5ltr Poly Container
- 20ltr Poly Container



## Molyslip® TAP metalworking lubricants

### Premium-performance lubricants for drilling, reaming and tapping

#### TAP metalworking lubricants are formulated to:

- Facilitate increased metal removal rates
- Reduce tool breakage
- Increase and maximise tool life
- Ensure dimensional accuracy
- Improve surface finish

#### Typical applications

- Drilling, tapping and reaming
- Single point threading
- Broaching
- Pipe threading



#### TAP

- Excellent extreme pressure and anti-wear performance
- Maximises tool life in arduous operations
- Available in liquid, paste and aerosol form

TAP	Product Code
Paste: 450g Tin	M250207
Paste: 4.5kg Pail	M250245
Liquid: 350ml Bottle	M250103
Liquid: 5ltr Poly Container	M250155
400ml Aerosol	M250304



#### TAP Chlorine-Free

- Excellent extreme pressure and anti-wear performance
- Chlorine and mineral oil free
- Maximises tool life in arduous operations
- Available in liquid, paste and aerosol form

TAP Chlorine-Free	Product Code
Paste: 450g Tin	M250507
Paste: 4.5kg Pail	M250545
Liquid: 350ml Bottle	M250403
Liquid: 5ltr Poly Container	M250455
400ml Aerosol	M250604

#### TAP AQUA water-soluble liquid

- Good extreme pressure and anti-wear performance
- Compatible and will fortify water-mix machining fluid
- Improves working environment
- Water-based – chlorine, sulphur, solvent and mineral oil free

TAP AQUA	Product Code
350ml Bottle	M250703





# Maintenance greases and general lubricants

Molyslip® provides engineers with a comprehensive range of technically-advanced maintenance, repair and overhaul lubricants designed to meet the demanding needs of modern industry.

Consisting of a range of state-of-the-art ARVINA bearing and open gear greases, chain oils to meet the most demanding operating conditions and wire rope lubricants that are compliant with all current and stringent environmental requirements.

The Molyslip® maintenance, repair and overhaul range is complemented with products that protect metal components against corrosion and a selection of clean and easy-to-use high-performance, cost-effective aerosol sprays.

## Molyslip® ARVINA grease range

### A comprehensive range of premium-performance bearing greases

Molyslip® ARVINA greases are formulated from the highest quality mineral and synthetic base oils reinforced with performance additives uniquely tailored to meet the specific operating conditions of specialist industry sectors.



#### ARVINA MX2

##### Extreme-performance, multi-purpose bearing grease

- High-temperature capability up to +140°C
- Excellent load carrying and anti-wear properties
- Highly effective protection against corrosion
- Outstanding resistance to water wash-off

ARVINA MX2	Product Code
400g Cartridge	M310408
4.5kg Pail	M310445
18kg Pail	M310460



#### ARVINA XT2

##### Extreme-temperature bearing grease

- Excellent wide-temperature capability -50°C to +180°C
- Highly effective protection against corrosion
- Good oxidation stability provides lasting lubrication
- Good load-carrying and anti-wear properties

ARVINA XT2	Product Code
400g Cartridge	M310508
4.5kg Pail	M310545



#### ARVINA HX2

##### High-load bearing grease

- High-temperature capability up to +140°C
- Excellent load carrying and anti-wear properties
- Highly effective protection against corrosion
- Outstanding resistance to water wash-off

ARVINA HX2	Product Code
400g Cartridge	M310208
450g Tin	M310207
4.5kg Pail	M310245
18kg Pail	M310260



#### ARVINA MB2

##### Non-melting, high-load bearing grease

- High temperature capability up to +150°C
- Excellent load carrying and shock-loading properties
- Non-melting bentonite clay thickener
- Resistant to water wash-off

Arvina MB2	Product Code
400g Cartridge	M324008
450g Tin	M324007
4.5kg Pail	M324045

#### ARVINA EH2

##### Non-melting, high-temperature bearing grease

- Excellent high-temperature resistance up to +230°C
- Good load carrying and anti-wear properties
- Non-melting bentonite clay thickener
- Effective protection against corrosion

Arvina EH2	Product Code
400g Cartridge	M320008
450g Tin	M320007
4.5kg Pail	M320045



#### ARVINA FM2

##### Food-grade bearing grease

- Wide operating temperature range
- Effective protection against corrosion
- Good oxidation stability provides long-life lubrication
- InS H1 registered (1795269)

Arvina FM2	Product Code
400g Cartridge	M321008
450g Tin	M321007
4.5kg Pail	M321045

#### ARVINA OG RANGE

##### ARVINA OGO and ARVINA OG2

##### High-load open-gear greases

- Excellent extreme-pressure and anti-wear performance
- Exceptional mechanical stability extends re-lubrication intervals
- Highly resistant to water wash-off
- Effective protection against corrosion

Arvina OGO	Product Code
4.5kg Pail	M325045
18kg Pail	M325060

Arvina OG2	Product Code
4.5kg Pail	M325545
18kg Pail	M325560



Moyslip® WRL wire rope lubricants

Premium-performance wire rope lubricants

The Molyslip WRL range of premium-performance wire rope lubricants includes products to suit every environment and method of application.

WRL-E40	WRL-E40	Product Code
EU Ecolabel/VGP-compliant lubricant	18kg Pail	M336560

- High-load carrying and wear-reduction capability protects wires and strands from wear
- Excellent corrosion resistance protects ropes operating in wet/humid conditions
- Adhesive, tenacious film extends re-lubrication intervals
- EU Eco-label certified and fully compliant with USA VGP 2013

WRL-C5	WRL-C5	Product Code
Wire rope lubricant	400ml Aerosol	M379004
	4.5kg Pail	M379045
	18kg Pail	M379060

- High-load carrying and wear-reduction capability protects wires and strands from wear
- Excellent corrosion-resistance protects ropes operating in wet/humid conditions
- Highly adhesive, tenacious film extends re-lubrication intervals
- Excellent low-temperature flexibility prevents flaking and cracking

WRL-S SERIES  
Pseudoplastic wire rope lubricants

- Pseudoplastic rheology optimises penetration and wash-off resistance
- High-load carrying and wear-reduction capability protects wires and strands from wear
- Excellent corrosion-resistance protects ropes operating in wet/humid conditions
- Highly adhesive, tenacious film extends re-lubrication intervals
- Excellent low-temperature flexibility prevents flaking and cracking

WRL-S10	WRL-S10	Product Code
A translucent pseudoplastic product designed to allow easy inspection of the rope	18kg Pail	M334060

WRL-S15	WRL-S15	Product Code
A solvent containing version of S10, designed to facilitate application by pressure spray	20ltr Pail	M335015

WRL-S20	WRL-S20	Product Code
A graphite-reinforced version of S10 with enhanced load-carrying properties for high-load operations	18kg Pail	M336060



Moyslip® general maintenance lubricants

LQG	Product Code
Liquid spray grease	M323004

- Convenient application
- Excellent penetration properties
- Good load-carrying and anti-wear capability
- Effective protection against corrosion
- Multi-angle valve

OCL-E SERIES  
Extreme-performance, synthetic chain lubricants

- Excellent resistance to thermo-oxidative degradation
- Fully-synthetic to deliver outstanding lubrication at high operating temperatures

OCL-E10	Product Code
Capable of operating at temperatures up to +260°C	5ltr Poly Container M430055
	20ltr Poly Container M430015

OCL-E20
Capable of operating at temperatures up to +300°C
5ltr Poly Container
20ltr Poly Container

OCL-M30
High-performance chain lubricant
Multi-purpose functionality for a wide range of applications
Anti-wear additives deliver outstanding lubrication and wear minimisation
Excellent corrosion protection
5ltr Poly Container
20ltr Poly Container

MOLYCHAIN SPRAY	Product Code
Multi-purpose chain and drive spray	M410204

- Highly-effective protection against corrosion
- Excellent anti-wear properties minimise chain wear and stretch
- Good penetration into chain pins and bushes
- Thixotropic, wash-off resistant film

COMBAT® SPRAY	Product Code
Multi-functional, water-displacing rust preventative and lubricant	M470004

- Excellent penetration and release properties
- Actively displaces moisture
- Effective protection against corrosion and seizure
- All round multi-purpose lubricant





***MOLYSLIP***<sup>®</sup>

**Molyslip<sup>®</sup> is a 21st century  
lubricant developer, producing  
premium products that  
consistently out-perform the  
competition**



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**SUPERIOR LUBRICANTS FOR SUPERIOR PERFORMANCE**



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