

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.

The range is comprehensive, including both metal-filled and metal-free compounds that provide optimum solutions for a multitude of applications, operating temperatures, environments 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
- Can be used 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 compound

- 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 compound

- 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



AS60 and AS40

Anti-scuffing and assembly pastes

- Application-specific products ensure 'bedding in' without scuffing or scoring
- Reduce wear and cut costs
- Protect against rust and corrosion
- Ease assembly of tight-tolerance components
- Withstand extreme loads

AS60	Product Code
500g Tin	M116005
5kg Pail	M116050

AS40	Product Code
500g Tin	M115005
5kg Pail	M115050



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 one 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 metal cutting operations such as broaching, drilling, sawing, reaming and tapping. Molyslip® lubricants allow higher metal removal rates, increased tool life, dimensional accuracy and improved surface finish.

Molyslip® MQL is a chlorine and sulphur-free 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 extreme-pressure performance for high-severity applications. Water-soluble, chlorine and sulphur-free options are also available to satisfy the increasing demand for health and safety and environmental requirements.

Molyslip® MQL near-dry metalworking lubricants

Minimum quantity lubricants for metal cutting

Benefits of MQL

- Free from mineral oil, silicones, chlorine and sulphur
- 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

Typical applications

- Sawing
- Milling
- Drilling
- Turning

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	Product Code
5ltr Poly Container	Mxxxxxx
20ltr Poly Container	Mxxxxxx



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	Product Code
5ltr Poly Container	Mxxxxxx
20ltr Poly Container	Mxxxxxx



Molyslip® TAP metalworking lubricants

Premium-performance lubricants for drilling, reaming and tapping

Benefits of TAP

- Facilitates increased metal removal rates
- Reduces tool breakage
- Increases and maximise tool life
- Ensures dimensional accuracy
- Improves surface finish

Typical applications

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



TAP AQUA water-soluble liquid

- Water-based – chlorine, sulphur, solvent and mineral oil free
- Good extreme pressure and anti-wear performance
- Improves performance by fortifying existing water-mix machining fluid
- Non-fuming and low odour improves the working environment
- Non-staining
- Water soluble for ease of cleaning

TAP AQUA	Product Code
350ml Bottle	M250703



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

- Chlorine and mineral oil free
- Excellent extreme pressure and anti-wear performance
- 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

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.

Products include state-of-the-art Molyslip® ARVINA bearing and open gear greases, chain oils to meet the most demanding operating conditions and wire rope lubricants that are fully compliant with the most stringent of international standards.

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



Molyslip® 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

EU Ecolabel/VGP-compliant lubricant

- 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 Ecolabel certified and fully compliant with USA VGP 2013

WRL-E40	Product Code
18kg Pail	M336560



WRL-C5

Wire rope lubricant

- 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-C5	Product Code
400ml Aerosol	M379004
4.5kg Pail	M379045
18kg Pail	M379060



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

A translucent pseudoplastic product designed to allow easy inspection of the rope

WRL-S10	Product Code
18kg Pail	M334060

WRL-S15

A sprayable version of S10

WRL-S15	Product Code
20ltr Pail	M335015

WRL-S20

A graphite-reinforced version of S10 with enhanced load-carrying properties for high-load operations

WRL-S20	Product Code
18kg Pail	M336060



Molyslip® general maintenance lubricants

LQG

Liquid spray grease

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

LQG	Product Code
400ml Aerosol	M323004



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

- Capable of operating at temperatures up to +260°C

OCL-E10	Product Code
5ltr Poly Container	M430055
20ltr Poly Container	M430015

OCL-E20

- Capable of operating at temperatures up to +300°C

OCL-E20	Product Code
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

OCL-M30	Product Code
5ltr Poly Container	
20ltr Poly Container	

MOLYCHAIN SPRAY

Multi-purpose chain and drive spray

- 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

MOLYCHAIN SPRAY	Product Code
400ml Aerosol	M410204



COMBAT™ SPRAY

Multi-functional, water-displacing rust preventative and lubricant

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

COMBAT™ SPRAY	Product Code
400ml Aerosol	M470004

COMBAT™ SMART STRAW	Product Code
400ml Aerosol	M470104



MOLYSLIP[®]

Molyslip[®] is a 21st century lubricant developer, producing premium products that consistently out-perform the competition



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SUPERIOR LUBRICANTS FOR SUPERIOR PERFORMANCE



Certificate Number 1297
ISO 9001

