

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.

The oil and gas industry operates in some of the world's harshest environments. With products specially formulated to keep machines and equipment operating in the most adverse conditions, Molyslip® is your tried and tested lubricant brand.

The Molyslip® all-encompassing range of superior-performance lubricants ensure the continued reliable operation of machinery. Our oil and gas lubrication line includes specially developed OCTG drill collar and tool joint compounds, valve lubricants, technically advanced wire rope, jack-up and open gear greases, in addition to salt water-resistant corrosion preventatives. Many of our products have been formulated to meet the environmental needs of the modern operator. Coupled with the industry proven Molyslip® maintenance ranges, we offer a comprehensive lubrication package to the offshore and marine engineer.

At Molyslip®, 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 outperform the competition.



Valve, BOP and Flow Control Lubricants

The Molyslip® range of high-performance lubricants has been developed specifically to ensure a steady flow and keep your operations running smoothly. The range covers most valve types, blowout preventers and flow control equipment operating in extreme environments.

VLS

Biodegradable valve lubricant and seal

Molyslip® VLS is an adhesive, salt water, stream and hydrocarbon fluid resistant lubricant formulated for use in oil field valve applications.

Benefits:

- Excellent lubrication and anti-wear properties
- High-load carrying capability
- Long-term corrosion protection
- Provides sealing capability for use in older and worn valve equipment
- Environmentally friendly



18 kg

PVG

High-performance synthetic valve lubricant

Molyslip® PVG features a specially selected base oil coupled with solid lubricants and corrosion inhibitors. PVG maintains equipment integrity by providing maximum resistance to chemicals encountered in the oil and gas exploration industry.

Benefits:

- Designed specifically to address the lubrication of gate and plug valves operating in the petrochemical industry
- Premium blend of high-performance, fully-synthetic oil
- Formulated to withstand high pressure

22 kg



BVL

Ball valve liquid

Molyslip® BVL is a uniquely formulated synthetic lubricant developed to ensure the continued efficiency and longevity of spring-loaded ball valves.

Benefits:

- Based on viscous synthetic fluid and formulated for use in spring-loaded ball valves
- Carefully selected raw materials ensure Molyslip® BVL is fully compatible with all commonly encountered seal materials
- Highly resistant to chemicals encountered in the oil and gas exploration industry

22 kg



 Environmentally Friendly Product

As part of the Bishopdale Group vision for sustainability and to meet increasing demand for products that comply with environmental requirements, Molyslip® offers an environmentally friendly option for each group in the Oil and Gas Industry lubricant ranges.

Tool Joint and Drill Collar Lubricants

Molyslip® OCTG products are designed to provide controlled, consistent joint make-up and easier breakout when applied to threaded tool joints, drill pipe, casing and tubing. Rigorously tested, our OCTG line of lubricants ensures long-term operation and optimised efficiency for machinery.

Copaslip™ OCTG

Tool joint and drill compound

Building upon one of our most universally recognised products, Copaslip™ OCTG has been specifically formulated to apply its characteristically high performance to the needs of the oil and gas industry.

Benefits:

- High-performance compound featuring both metallic and non-metallic solids to prevent cold welding of substrates
- Superior protection of tool joint threads and collar joints
- Even distribution of lubricant ensuring consistent tightening and breakout torques



API-Modified

Pipe thread and tool joint compound

Molyslip® API-Modified has been specifically developed to lubricate, seal and protect the threaded connections of oil field tubular goods both in service and during storage.

Benefits:

- High-pressure, lead containing thread compound designed to meet and exceed the requirements of API RP 5A3
- Reduces friction during the make-up of casing and tubing, preventing galling and wear, whilst ensuring longevity and performance



Graphslip OCTG

Metal-free tool joint and drill collar compound

Molyslip® Graphslip OCTG is a high-performance, environmentally friendly and metal-free alternative to Copaslip™ OCTG.

Benefits:

- Metal-free, high-graphite content alternative to Copaslip™ OCTG
- High-performance option for offshore application where environmental considerations are a priority
- Yellow HOCNF in Norwegian sector of the North Sea
- HOCNF E classification in the UK and Netherlands



ZN 50

Drill collar compound

Molyslip® ZN 50 provides ultimate protection to threads, tool shoulder and collar joints in all operating conditions.

Benefits:

- Formulated with 50% zinc flake evenly distributed
- Compliant with API RP 7G bulletin, facilitating consistent joint make-up
- Adheres to both cold and wet tooling



Wire Rope Lubricants

Molyslip® WRL is a comprehensive range of premium-performance lubricants specially developed with high-load carrying, wear-reduction and corrosion resistance capabilities, designed to protect wire ropes operating in the harshest environments.

WRL-C5

Wire rope lubricant

Molyslip® WRL-C5 is a high-load carrying lubricant developed to protect wires and strands from wear and breakage in extreme conditions.

Benefits:

- Excellent corrosion resistance protecting wire rope in both wet and humid environments
- Highly adhesive, tenacious film extending re-lubrication intervals
- Low-temperature flexibility preventing flaking and cracking



WRL-E40

EU Ecolabel/VGP-compliant lubricant

Molyslip® WRL-E40 has been specifically developed to have high-load carrying and wear-reduction capabilities whilst being environmentally friendly and compliant with US VGP 2013. For instances where environmental factors are a priority, WRL-E40 ensures that wires and strands are protected from wear and breakage.

Benefits:

- EU Ecolabel certified and fully compliant with US VGP 2013
- Excellent corrosion resistance protecting ropes in both wet and humid environments
- Highly adhesive and tenacious 'fling off' resistant film extending re-lubrication intervals



WRL-S SERIES

Pseudoplastic wire rope lubricants

Molyslip® WRL-S Series combines the high-load carrying capabilities of our WRL range with Pseudoplastic rheology, optimising penetration and wash-off resistance in harsh environments.

Benefits:

- High-load carrying and wear-reduction capabilities that are synonymous within our WRL range, protecting wires and strands from wear
- Superior corrosion resistance protecting ropes operating in wet and humid environments
- Highly adhesive 'low fling' film, which extends re-lubrication intervals
- Excellent low-temperature flexibility preventing flaking and cracking



WRL-S10

- Molyslip® WRL-S10 is a translucent pseudoplastic lubricant that is specially developed to allow for easy rope inspection

WRL-S20

- Molyslip® WRL-S20 is a graphite-reinforced version of Molyslip® WRL-S10, which is engineered to provide enhanced load-carrying properties for high-load applications



Open Gear Lubricants

The Molyslip® Arvina range of open gear lubricants is specifically formulated to address cold and damp metal applications, providing high-load carrying lubrication for use on the oil and gas industry's open gear and jack-up equipment.

ARVINA OG-0 and OG-2 RANGE

High-load, open gear lubricants

Providing extreme-pressure and anti-wear performance, the Molyslip® Arvina OG range has been formulated to be highly effective against the most corrosive effects of the environment.

Benefits:

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

OG-0 NLGI 0

- Molyslip® Arvina OG-0 NLGI 0 has been specially designed for spray application

OG-2 NLGI 2

- Molyslip® Arvina OG-0 NLGI 2 features excellent pumpability with a self-repairing film, ensuring a consistent application in open gear



ARVINA OG-AW

Universal open gear and jack-up lubricant

Molyslip® Arvina OG-AW is a highly versatile all-weather grease that has been developed for application in heavy-duty, and extreme weather environments.

Benefits:

- Superior high-load carrying and anti-wear capability
- Adheres to cold damp metals
- Highly resistant to water wash-off



ARVINA OG-AW ECO

Environmentally acceptable open gear and jack-up lubricant

Molyslip® Arvina OG-AW Eco is specially developed to deliver its characteristically high-load carrying and anti-wear properties with the added benefit of being environmentally friendly. Arvina OG-AW Eco is ideal for instances where environmental considerations are a priority.

Benefits:

- Excellent high-load carrying anti-wear capability
- Adheres to cold and wet metals
- Highly resistant to water wash-off
- HOCNF E Classification, Norway 'Yellow' rating



Corrosion Protection Lubricants

Molyslip® CP corrosion preventatives are specially formulated and tested in a number of extreme conditions. Our CP range creates a protective barrier to metallic components during storage, transit and to equipment operating in highly corrosive environments. .

CP-500

Pressure-test additive and corrosion inhibitor

Molyslip® CP-500 is a fully-synthetic corrosion inhibiting concentrate that provides short-term, inter-process protection to equipment in harsh environments.

Benefits:

- Fully-synthetic, environmentally friendly concentrate
- Low-foaming in pressure test applications
- Water extendible, cost effective packaging



CP-620

Light oil film corrosion inhibitor

Molyslip® CP-620 features a specially developed dewatering formulation, providing 12–18 months indoor protection to metallic equipment.

Benefits:

- Self-healing film providing continued protection
- Advanced dewatering technology
- Provides 12–18 months indoor protection



CP-650

Heavy-duty, long-term corrosion inhibitor

Molyslip® CP-650 is a high-density corrosion inhibitor developed to provide long-term indoor and outdoor protection.

Benefits:

- Advanced dewatering technology
- Provides heavy-duty, long-term protection
- Suitable for both indoor and outdoor applications



CP-ECO

EU Ecolabel Certified corrosion inhibitor

Molyslip® CP-650 is an environmentally friendly corrosion protection grease, formulated specifically for long-term applications where environmental considerations are a priority.

Benefits:

- EU Ecolabel certified
- US VGP 2013 compliant
- Provides long-term indoor and outdoor protection



MOLYSLIP[®]

**Molyslip[®] is a 21st century
lubricant developer, producing
premium products that
consistently outperform the
competition**



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Molyslip is part of Bishopdale Group

SUPERIOR LUBRICANTS FOR SUPERIOR PERFORMANCE



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