

**MOLYSLIP®**

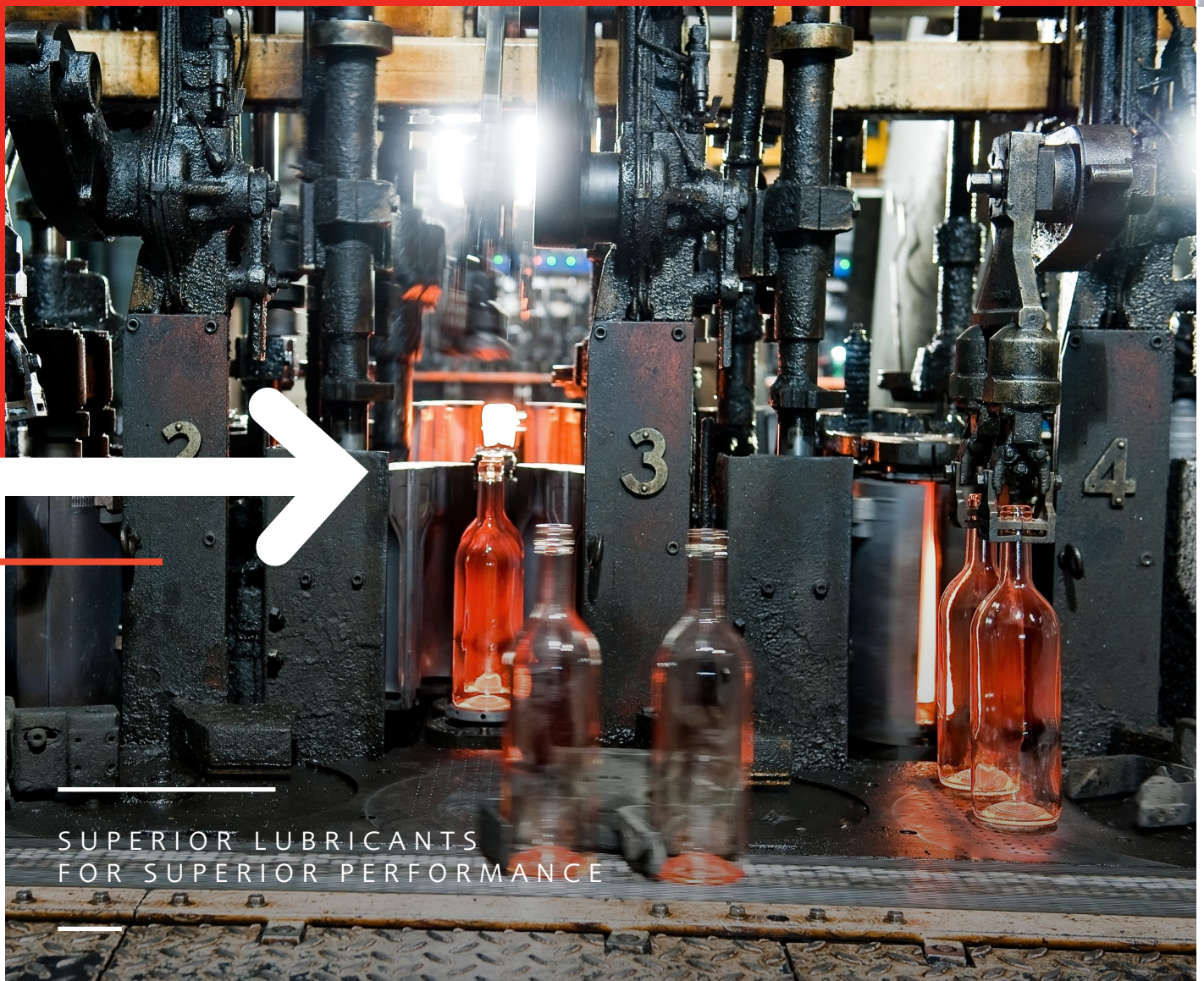
# Leading the way in glass lubricant technology



SUPERIOR LUBRICANTS FOR SUPERIOR PERFORMANCE



Molyslip® is an independent, UK-based developer and manufacturer of specialist industrial lubricants. Operating for over 80 years, and exporting to over 60 countries world-wide, Molyslip has a long-standing history of delivering world-class service and superior-performance products.





The manufacturing of glass containers presents some of the most severe challenges to both the machines and lubricants used in their production. Molslip Glasstek is a comprehensive range of high-performance lubricants formulated for the glass container manufacturing industry. Each product is developed to address the specific requirements of glass industry applications and is designed to increase efficiency and optimise machine performance.

The Molslip Glasstek range of hot-end lubricants are specially formulated products for the IS machine, gob shear and distribution systems, delivery equipment, blank and finishing moulds and conveyors. In addition to the industry proven Molslip maintenance ranges, we offer a comprehensive lubrication package to the modern-day glass manufacturer.

At Molslip, 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.

### **PRE-COATS**

---

Thin dry film coatings for blank and finish moulds to ensure excellent gob loading and optimised production efficiency.

### **SHEAR SPRAY LUBRICANTS**

---

The Glasstek shear spray lubricants are designed to extend shear blade life, improve cutting performance, provide corrosion protection, and reduce shear marks whilst optimising delivery efficiency.

### **DELIVERY LUBRICANTS**

---

Also known as "scoop oils" and "gob accelerator" lubricants, the Glasstek range of wet and dry delivery lubricants are specially developed to reduce friction, improve cleanliness and ensures consistent gob loading.

### **TRANSFER COATING**

---

Formulated specifically to prevent ware damage and reduce thermal shock. The Glasstek range of transfer coatings optimise production and ensure container consistency.

### **IS MACHINE LUBRICANTS**

---

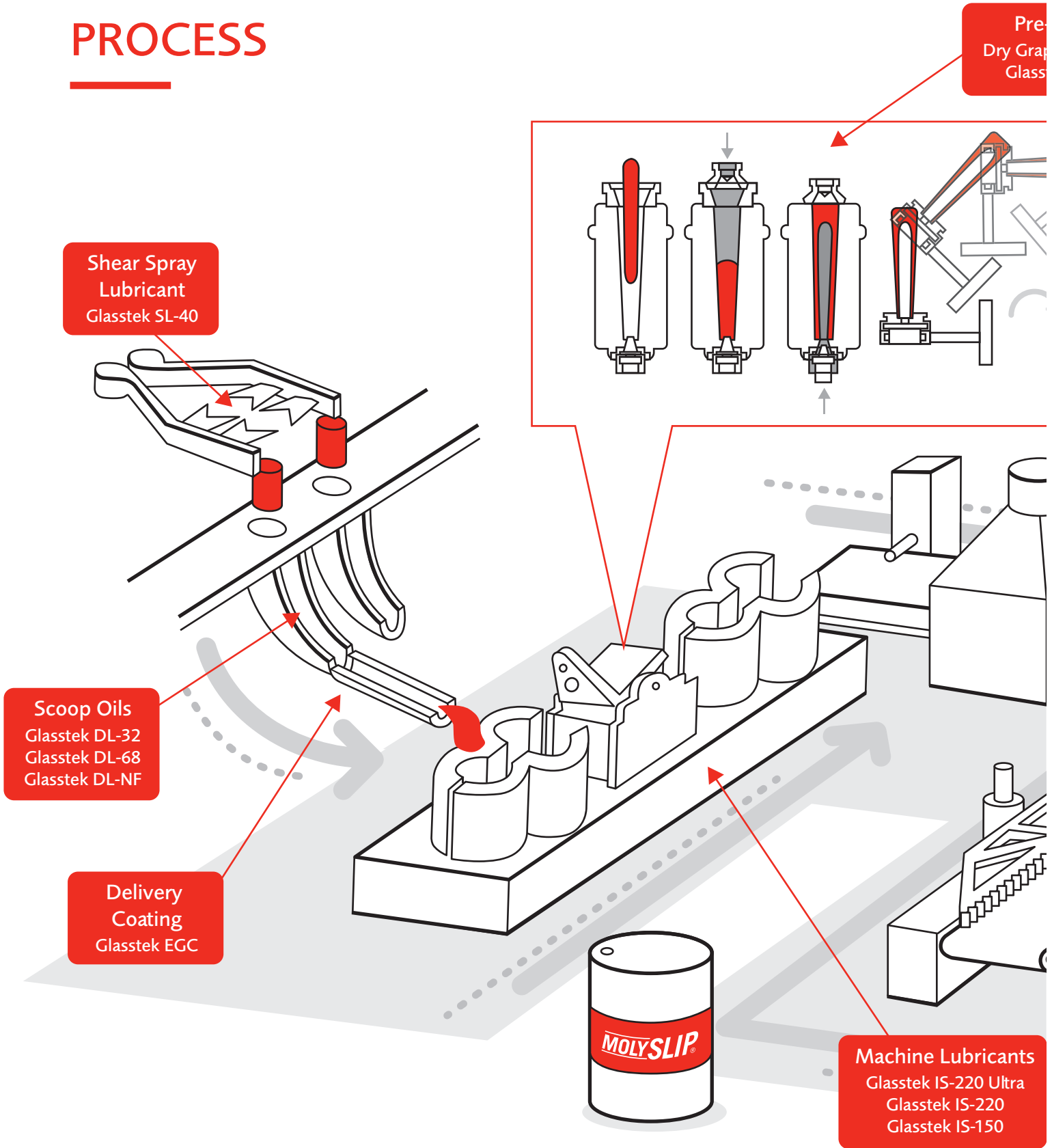
The Glasstek range of IS machine lubricants has been developed to withstand the extreme temperatures found in glass manufacturing operations ensuring consistent lubrication, protecting against corrosion and wear whilst minimising carbon deposit build-up.

### **SPECIALITY APPLICATION LUBRICANTS**

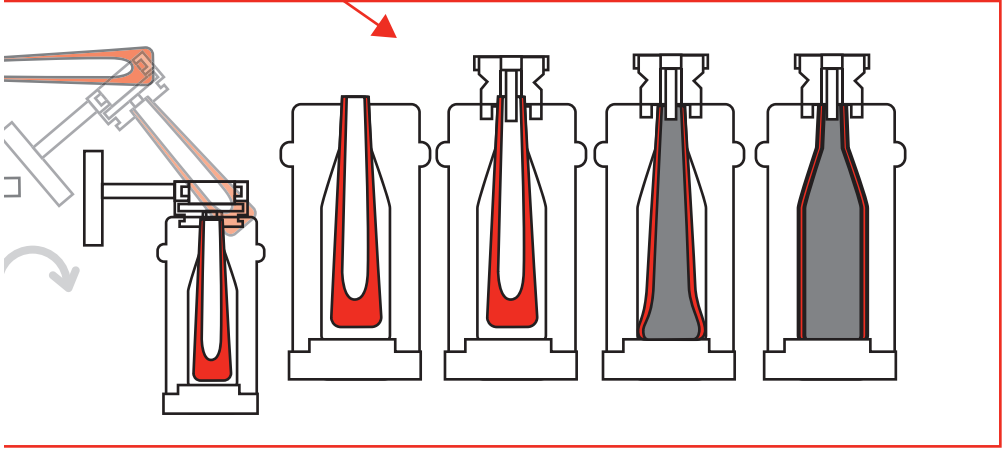
---

To compliment the extensive hot-end range of lubricants for the glass manufacturing industry, Molslip offers a full range of speciality high performance lubricants developed to extend the life and maintenance intervals of all other key equipment in the glass manufacturing process.

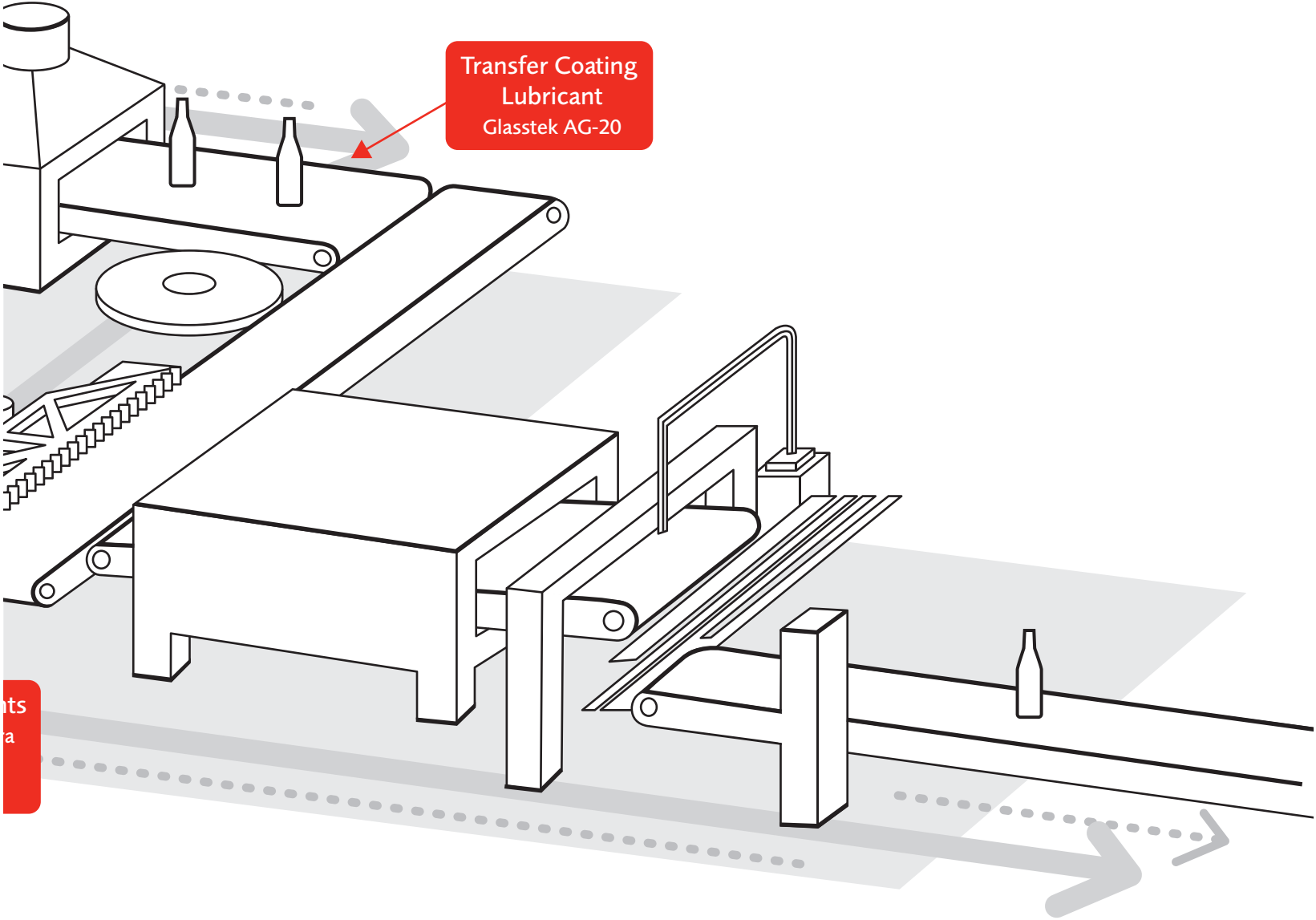
# THE MANUFACTURING PROCESS



Pre-Coats  
Graphite Spray  
Glasstek MPC



Transfer Coating  
Lubricant  
Glasstek AG-20



ts  
a

## Pre-coats

Product Name	Description	Application
<b>Dry Graphite Spray</b>	Aerosol Spray. Resin bonded graphite blank mould pre-treatment.	Highly effective dry film release agent designed to provide consistency during machine set-up, particularly when applied to NNPB process blank moulds.
<b>Glasstek MPC</b>	Resin bonded graphite blank mould pre-treatment.	Highly effective dry film release agent designed to provide consistency during machine set-up.

## Delivery Lubricants

Product Name	Description	Base Oil	Application
<b>Glasstek EGC</b>	2-Pack dispersion of graphite in high temperature epoxy resin.	Epoxy resin.	Highly resilient low friction chute, deflector and trough coating reduces thermal shock and aids gob delivery/loading.

## Shear Spray Lubricants

Product Name	Description	Dilution Ratio	Base Oil	Water Quality
<b>Glasstek SL-40</b>	Premium shear spray lubricant product.	Up to 1600:1 depending on gob weight.	Biodegradable natural oil.	Softened water recommended.

## Scoop Oils

Product Name	Description	Base Oil	Application
<b>Glasstek DL-32</b>	Water white, low carbonising delivery oil with a viscosity of ISO VG 32.	Highly refined white mineral oil.	Spray or drip feed scoop lubricant.
<b>Glasstek DL-68</b>	Water white, low carbonising delivery oil with a viscosity of ISO VG 68.	Highly refined white mineral oil	Spray or drip feed scoop lubricant.
<b>Glasstek DL-NF</b>	Non-flammable water based delivery lubricant.	Synthetic.	Spray or drip feed scoop lubricant.

## Transfer Coating

Product	Description	Application Rate	Notes
<b>Glasstek AG-20</b>	Water based graphite dispersion for spray or brush application to the conveyor belt and dead plate.	Suitable for use up to +600°C.	Imparts a dry graphite film to reduce thermal shock and prevent container damage.

## Machine Lubricants

Product Name	Description	Base Type	Notes
<b>Glasstek IS-220 Ultra</b>	Premium ISO VG 220 synthetic oil for all I.S. machine lubrication systems contains a fluorescent 'leak indicator' dye.	Synthetic	Formulated to meet the specification requirements of the leading IS machine manufacturer.
<b>Glasstek IS-220</b>	ISO VG 220 synthetic oil for all I.S. machine lubrication systems.	Synthetic	Optimised performance for most IS machine types and operating environments.
<b>Glasstek IS-150</b>	ISO VG 150 synthetic oil for all I.S. machine lubrication systems.	Synthetic	Optimised performance for IS machines operating at lower temperature or requiring an ISO VG 150.
<b>Glasstek PL-50</b>	Low viscosity lubricant for plunger mechanisms.	Synthetic	50 cSt viscosity, ultra low carbon residue lubricant.

## Maintenance Lubricants

Product	Description	Application	Notes
<b>OCL - E10</b>	Fully synthetic high-temperature chain oil with high thermal stability.	Suitable for use up to +260°C.	Conveyor and drive chains, especially suited to inverted tooth chains.
<b>Arvina MX2</b>	Long-term lubricating grease based on mineral oil and calcium sulphonate complex, designed to provide lubrication in extreme conditions.	Suitable for use in high-temperature, high-load and extreme levels of water ingress.	For use on anti-friction bearings, plain bearings and sliding surfaces.
<b>Graphslip</b>	Special high solid content paste provides excellent lubrication characteristics and anti-seize properties.	Suitable for use up to +550°C.	Lubricates sliding areas and ensure consistent, accurate positioning, the use of high temperature paste is recommended for the gob distributor mechanism.
<b>AS60</b>	Premium anti-scuffing and assembly paste.	Prevent seizure of sliding surfaces i.e. mould posts/ hinge pins.	Lubricates static and dynamically loaded assemblies ensuring consistent and accurate positioning in high temperature applications.
<b>Copaslip</b>	High temperature anti-seize compound	Suitable for use up to +1100°C	Protects threaded components from seizure induced by extremes of temperature, pressure and corrosion.

**MOLYSLIP®**

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



**Call +44 (0)161 804 4700  
[www.molyslip.co.uk](http://www.molyslip.co.uk)**

Molyslip Ltd, 4 Huntsman Drive,  
Northbank Industrial Park,  
Irlam, Manchester M44 5EG, UK

Molyslip is part of Bishopdale Group

**SUPERIOR LUBRICANTS FOR SUPERIOR PERFORMANCE**

**MADE IN  
BRITAIN**



Certificate Number 1297  
ISO 9001

