

# Technical data

# GLASSTEK IS220 ULTRA

The logo for MOLYSLIP, featuring the brand name in a bold, italicized, sans-serif font with a registered trademark symbol, set against a red rectangular background.

## Synthetic IS Machine lubricant

### Description

MOLYSLIP GLASSTEK IS220 ULTRA is a high performance, fully synthetic lubricant specifically designed for use in the closed-circuit lubrication systems of Individual Section Machines producing hollow glassware and rotary glass pressing machinery. The product is formulated from a blend of fully synthetic base fluids carefully selected to deliver excellent lubrication properties at high operating temperatures.

MOLYSLIP GLASSTEK IS220 ULTRA contains an advanced additive system to minimize friction and wear and protect against thermo-oxidative degradation ensuring that all friction points are maintained free from carbon deposit build-up even when operating temperatures of up to +260° are encountered.

The MOLYSLIP GLASSTEK IS220 ULTRA is formulated to meet or exceed the requirements of all major machine manufacturers and glass ware producers and the inclusion of an Ultra-Violet (UV) dye facilitates rapid lubrication system leak detection.

MOLYSLIP GLASSTEK IS220 ULTRA can also be used to lubricate conveyor and drive chain applications by means of centralized, total loss lubrication system or by hand using a suitable applicator.

### Features and benefits

- High film strength
- Excellent anti-wear properties
- Excellent resistance to thermo-oxidative degradation
- Suitable for use in closed circuit and centralised lubrication systems
- High temperature capability – up to +260°C

### Packaging

200ltr

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### Instructions for use

MOLYSLIP GLASSTEK IS220 ULTRA is supplied ready for use. Lubrication systems should ideally be drained and flushed prior to introduction of MOLYSLIP GLASSTEK IS220 ULTRA.

### Technical data (typical values)

| Property                              | Test method        | IS220 ULTRA                       |
|---------------------------------------|--------------------|-----------------------------------|
| Appearance                            | MSTM 1             | Clear pale pink fluorescent fluid |
| Base fluid                            | -                  | SHC / Ester blend                 |
| Kinematic viscosity @ 40°C<br>@ 100°C | MSTM 27<br>MSTM 28 | 218cSt<br>23.5cSt                 |
| Viscosity index                       | Calculated         | 133                               |
| Density @ 20°C                        | MSTM 23            | 0.93 g.cm <sup>3</sup>            |
| Flash point                           | COC                | 260°C                             |
| Operating temperature                 | -                  | -30°C - +260°C                    |

### Storage

Store MOLYSLIP GLASSTEK IS220 ULTRA out of direct sunlight. Storage temperature should be controlled to between 5°C and 35°C.

The product information in this publication is based on knowledge and experience at the time of printing. There are many factors outside our control or knowledge which affect the use and performance of our products, for which reason it is given without responsibility.  
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