

## Q8 Bernoulli S 140

Superior synthetic high temperature chain oil

### Description

Q8 Bernoulli S 140 is an extreme fully synthetic high performance chain oil. It is designed for lubrication of high temperature chains and conveyor systems running at maximum 260°C. Q8 Bernoulli S 140 offers considerable energy savings, thanks to an exceptional additive technology, low evaporation losses, low friction coefficient and a reduced carbon build-up.

### Applications

Q8 Bernoulli S oils are recommended for lubrication of conveyor systems running at a maximum temperature of 260°C. These conveyor systems are used in paint and drying ovens, textile stenters, gypsum drying ovens, glass insulation manufacturing and film stretching lines. Q8 Bernoulli S is also used in individual section glass forming machines for the production of glass containers and bottles.

### Benefits

- Enhanced efficiency of operations, equipment and machines
- Extends service life time thus minimal costs and maximal efficiency
- Decreased downtime thanks to increased maintenance efficiency
- Superior decrease of friction
- Excellent additive technology
- Minimal evaporation losses
- Exceptional thermal durability
- Extremely resistant against high temperatures
- Superior cleaning properties
- Extreme adhesive characteristics
- Outstanding reduction of wear under boundary lubrication conditions

### Properties

|                             | Method | Unit               | Typical          |
|-----------------------------|--------|--------------------|------------------|
| Appearance                  | Visual | -                  | Bright and Clear |
| Density, 15 °C              | D 4052 | g/ml               | 0,963            |
| Kinematic Viscosity, 40 °C  | D 445  | mm <sup>2</sup> /s | 140              |
| Kinematic Viscosity, 100 °C | D 445  | mm <sup>2</sup> /s | 17.0             |
| Viscosity Index             | D 2270 | -                  | 132              |
| Pour Point                  | D 97   | °C                 | -30              |
| Flash Point, COC            | D 92   | °C                 | >260             |
| Copper Strip, 3 h, 100 °C   | D 130  | -                  | 1                |

The figures above are not a specification. They are typical figures obtained within production tolerances.

### Remarks

Q8 Bernoulli S oils are silicone free. For woodpanel production, we suggest the Q8 Bernoulli S 280.