

PRODUCT DATA SHEET

Q8 Bernoulli S 280

Superior synthetic high temperature chain oil

Description

Q8 Bernoulli *S* 280 is a superior synthetic high temperature chain oil that meets the extreme demands of the chipboard industry. Its formulation offers the highest level of protection, productivity and reliability. *Q8* Benoulli *S* 280 is odourless, has no hard carbon build-up and very low evaporation losses. The exceptional additive technology results in regeneration effects.

Applications

Q8 Bernoulli S 280 is used in continuous presses for manufacturing of particle and fibre wood boards in the chipboard industry and for lubrication of conveyor systems operating at maximum of 260°C. It is applied in friction points such as chain carpets, steel belts and roller bars. Q8 Bernoulli S 280 meets and exceeds the requirements of manufacturers such as Siempelkamp and Dieffenbacher.

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 | 0,961 | |
| Kinematic Viscosity, 40 °C | D 445 | mm²/s | 280 | |
| Kinematic Viscosity, 100 °C | D 445 | mm²/s | 23.5 | |
| Viscosity Index | D 2270 | - | 105 | |
| Pour Point | D 97 | °C | -27 | |
| 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 other HTCO applications, we suggest the other viscosities in the Bernoulli S range (54, 140 and 220).