

## 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 Bernoulli 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	mm <sup>2</sup> /s	280
Kinematic Viscosity, 100 °C	D 445	mm <sup>2</sup> /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).