

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	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).

Sustainability

The product Carbon Footprint (PCF), cradle-to-gate (Q8Oils state of the art facility in Belgium), of Q8 Bernoulli S 280 is **1.46** kg CO₂eq / kg.

Please contact Q8Oils to learn more about the positive environmental impact, the handprint, of this product.

To ensure accuracy and reliability, the PCF calculation tool has been verified by an independent third party. The verification report is available in the disclaimer.

For more info check [here](#)



**we
take
care**

PRODUCT CARBON FOOTPRINT
METHOD VALIDATED BY:

PCF CALCULATION IN LINE WITH:
ISO 14067 | ATIEL-UEIL PCF

