

about Q8Oils



Q8Oils is part of the Kuwait Petroleum Corporation (KPC), one of the world's largest oil companies. With 120 years of known reserves and crude oil production levels of 2.9 million barrels per day, it is ranked the seventh largest oil producer in the world. KPC's business spans every segment of the hydrocarbon industry: on and offshore exploration, production, refining, marketing, retailing, petrochemicals and marine transportation.

Backed by the significant corporate resources of our parent company, Q8Oils is a fully integrated lubricants organisation. Using high quality base oils we manufacture an extensive range of oils in our own blending plants and have established state of the art European laboratories for development and technical support work. Today, Q8Oils lubricants are used by customers in more than 80 countries around the world.



Q8 Bernoulli S

International Office:
Petroleumkaai 7, B-2020, Antwerp, Belgium.
Tel: +32 (0)3 247 38 11
Email: metal@Q8Oils.com
www.Q8Oils.com

UK Office:
Marian House, Colton Mill
Bullerthorpe Lane, Colton, Leeds LS15 9JN
Tel: +44 (0) 113 235 0555
Email: Marketing@Q8Oils.com
www.Q8Oils.co.uk

Technical Help Desk:
Tel: +44 (0) 113 236 5223
Email: techdesk@Q8Oils.com



February 2016



high temperature chain oils

Q8 Bernoulli S Range

To meet the latest, high demands in severe industrial high temperature applications, Q8Oils specially designed high temperature chain oil range based on tomorrow's lubricant technology. Q8 Bernoulli S range provide the highest levels of protection and productivity to ensure operating reliability 24/7.

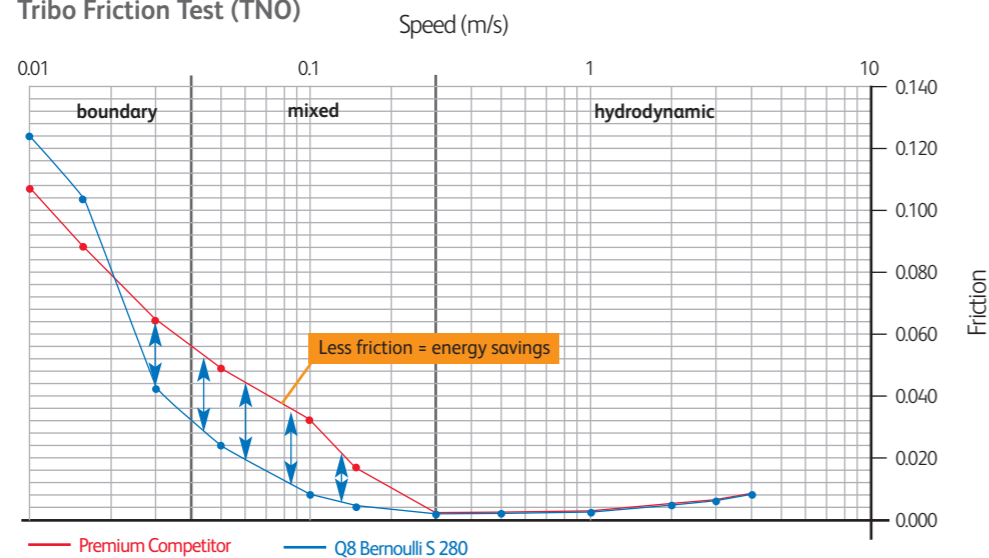


Compared to mineral and common chain oils, Q8 Bernoulli S range have outstanding characteristics such as no hard and reduced carbon build-up, very low evaporation losses and low friction coefficient. The unique combination of selected synthetic base oils and exclusive additives formulation results in high levels of cleaning and regeneration effect.

All these properties will translate in considerable energy savings, lower lubricant consumption, and higher production efficiency. Q8 Bernoulli S oils are also giving high levels of wear protection, excellent corrosion protection and have good adherent and wet ability properties.

These are high performance fully synthetic chain oils special designed for lubrication of high temperature chains in drying processes or chains running in similar applications. Like in paint and drying ovens, in textile stenter, in gypsum drying ovens, glass insulation manufacture and film stretching lines. Q8 Bernoulli S is also applicable in IS machines for the production of glass containers and bottles.

Tribo Friction Test (TNO)



Evaporation, deposit and aging test at 220°C - open cup test



Q8 Bernoulli S Series

Q8 Bernoulli S Properties	Unit	Typical Data			
		54	140	220	280
Appearance		Bright & Clear	Bright & Clear	Bright & Clear	Bright & Clear
Density, 15°C	kg/l	0.973	0.963	0.962	0.961
Kinematic Viscosity, 40°C	mm ² /s	54	140	220	280
Kinematic Viscosity, 100°C	mm ² /s	8.0	17.0	24.4	23.5
Pour Point	°C	-42	-30	-27	-27
Flash Point, COC	°C	>260	>260	>260	>260
Copper Corrosion, 3h, 100°C		1	1	1	1

	Recommended for:
Q8 Bernoulli S 54	<ul style="list-style-type: none"> Continuous presses Continuous presses in drying furnaces
Q8 Bernoulli S 140	<ul style="list-style-type: none"> Metal surface finishing processes Conveyor chains in drying furnaces
Q8 Bernoulli S 220	<ul style="list-style-type: none"> Individual Section (IS) machine for manufacturing glass bottles/containers (lubricating feeder and machine mechanisms) Textile industry, lubrication of stenter machines (drying & heat setting process), finishing of woven and/or knitted fabrics Conveyor chains in drying furnaces
Q8 Bernoulli S 280	<ul style="list-style-type: none"> Continuous presses for chipboard manufacturing Plastic film manufacturing, film stretching lines

