

Q8 Strauss 46

High performance gas compressor oil

Description

Q8 Strauss 46 is a high performance compressor oil based on selected premium base fluids. This product is designed as part of the Q8Oils clean technology program to ensure superior compressor cleanliness in combination with long oil life. It meets the challenges of synthesis gas compression, even in severe applications.

Applications

Synthesis gas compressors, especially for ammonia and methanol production

Features

Safety

Benefits

Tailored to the specific needs of your equipment to ensure safe and reliable operations

Lower operational costs

Outstanding formulation to prolong stable operating conditions to reduce downtime and maintenance costs

Enhanced technology

Fully compatible with mineral oils and normally used elastomer/plastic materials in compressor equipment

Specifications & Approvals

DIN 51515-1 L-TD

Properties

	Method	Unit	Typical
Density, 15 °C	D 4052	g/ml	0,88
ISO Viscosity Grade	-	-	46
Kinematic Viscosity, 40 °C	D 445	mm ² /s	46.0
Kinematic Viscosity, 100 °C	D 445	mm ² /s	6.8
Viscosity Index	D 2270	-	100
Total Acid Number	D 974	mg KOH/g	0.03
Pour Point	D 97	°C	-12
Flash Point, COC	D 92	°C	220
Colour	D 1500	-	L 1.0
Foam, 5 min blowing, seq. 1-2-3	D 892	ml	10/20/10
Foam, 10 min settling, seq. 1-2-3	D 892	ml	0/0/0
Rust Test, Proc. A and B, 24 h	D 665	-	pass
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 Strauss avoids compatibility problems which normally occur when standard turbine oils are used to lubricate synthesis gas compressors.