

## Q8 Schumann 46

Ultra-high performance compressor oil

### Description

Q8 Schumann 46 is an ultra-high performance compressor oil based on selected synthetic (PAO) base fluids. This product is developed for use in all reciprocating-, rotary- and vane type compressors. It 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 the latest generation compressors.

### Applications

All reciprocating- (piston), rotary screw- and vane type compressors Single- and multistage air compressors in both stationary and mobile applications Compressor units operating under severe conditions as well as systems with critical parts such as gears and bearings

### Features

**Extended drain**

### Benefits

Developed to guarantee long trouble free service life, exceptional compressor protection and excellent resistance against ageing

**Own product development**

Formulated with superior quality synthetic base oil (PAO)

**Enhanced technology**

Superior formulation to protect the compressor against rust/corrosion and to minimize the build-up of deposits

### Specifications & Approvals

<b>DIN</b>	51506 VDL	<b>ISO</b>	6743-3 DAH
<b>DIN</b>	51524-3 HVLP	<b>ISO</b>	6743-3 DAJ
<b>ISO</b>	6743-3 DAA	<b>ISO</b>	6743-3 DVA
<b>ISO</b>	6743-3 DAB	<b>ISO</b>	6743-4 L-HV
<b>ISO</b>	6743-3 DAG		

### Properties

	Method	Unit	Typical
Density, 15 °C	D 4052	g/ml	0,837
ISO Viscosity Grade	-	-	46
Kinematic Viscosity, 40 °C	D 445	mm <sup>2</sup> /s	46.0
Kinematic Viscosity, 100 °C	D 445	mm <sup>2</sup> /s	7.84
Viscosity Index	D 2270	-	141
Total Acid Number	D 974	mg KOH/g	0.3
Pour Point	D 97	°C	-62
Flash Point, COC	D 92	°C	260
Colour	D 1500	-	L 0.1
Ash	D 482	% mass	<0.01
Sulfated Ash	D 874	% mass	0.03
Air Release, 50 °C	D 3427	min	2
Emulsion, Distilled Water, 54.4 °C	D 1401	-	40-40-0(15)
Foam, 10 min settling, seq. 1-2-3	D 892	ml	0/0/0
Foam, 5 min blowing, seq. 1-2-3	D 892	ml	0/0/0
Rust Test, Proc. A and B, 24 h	D 665	-	pass
Four Ball Wear, 196 N, 54 °C, 1200 rpm	D 4172	mm	0.48
FZG Test, A/8.3/90	DIN 51354	load stage	pass 12
Four Ball Wear, 392 N, 75 °C, 1200 rpm	D 4172	mm	0.494
Four Ball Test, Weld Load	IP 239	kg	130

The figures above are not a specification. They are typical figures obtained within production tolerances.

## Sustainability

The product Carbon Footprint (PCF), cradle-to-gate (Q8Oils state of the art facility in Belgium), of Q8 Schumann 46 is **1.24** kg CO<sub>2</sub>eq / kg.

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



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take  
care**