

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

DIN	51506 VDL	ISO	6743-3 DAH
DIN	51524-3 HVLP	ISO	6743-3 DAJ
ISO	6743-3 DAA	ISO	6743-3 DVA
ISO	6743-3 DAB	ISO	6743-4 L-HV
ISO	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	mm²/s	46.0
Kinematic Viscosity, 100 °C	D 445	mm²/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 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

