

## Q8 Schumann 100

Ultra-high performance compressor oil

### Description

Q8 Schumann 100 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**

**Own product development**

**Enhanced technology**

### Benefits

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

Formulated with superior quality synthetic base oil (PAO)

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 DAG |
| <b>ISO</b> | 6743-3 DAA | <b>ISO</b> | 6743-3 DAH |
| <b>ISO</b> | 6743-3 DAB | <b>ISO</b> | 6743-3 DVA |

### Properties

|                                        | Method    | Unit       | Typical     |
|----------------------------------------|-----------|------------|-------------|
| Density, 15 °C                         | D 4052    | g/ml       | 0,840       |
| ISO Viscosity Grade                    | -         | -          | 100         |
| Kinematic Viscosity, 40 °C             | D 445     | mm²/s      | 100         |
| Kinematic Viscosity, 100 °C            | D 445     | mm²/s      | 14.8        |
| Viscosity Index                        | D 2270    | -          | 154         |
| Total Acid Number                      | D 974     | mg KOH/g   | 0.3         |
| Pour Point                             | D 97      | °C         | -57         |
| Flash Point, COC                       | D 92      | °C         | 252         |
| Colour                                 | D 1500    | -          | L 1.0       |
| Ash                                    | D 482     | % mass     | <0.01       |
| Sulfated Ash                           | D 874     | % mass     | 0.03        |
| Air Release, 50 °C                     | D 3427    | min        | 5           |
| Emulsion, Distilled Water, 82.2 °C     | D 1401    | -          | 40-40-0(25) |
| 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         | 5/10/5      |
| Rust Test, Proc. A and B, 24 h         | D 665     | -          | pass        |
| 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         | 140         |

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 100 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.

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

