PRODUCT DATA SHEET

Q8 Schumann 150

Ultra-high performance compressor oil

Description

Q8 Schumann 150 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	Benefits
Extended drain	*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 DAG
ISO	6743-3 DAA	**ISO**	6743-3 DAH
ISO	6743-3 DAB	**ISO**	6743-3 DVA

Properties

	Method	Unit	Typical
Density, 15 °C	*D 4052*	*g/ml*	*0,834*
ISO Viscosity Grade	*-*	*-*	*150*
Kinematic Viscosity, 40 °C	*D 445*	*mm²/s*	*150*
Kinematic Viscosity, 100 °C	*D 445*	*mm²/s*	*20.69*
Viscosity Index	*D 2270*	*-*	*161*
Total Acid Number	*D 974*	*mg KOH/g*	*0.3*
Pour Point	*D 97*	*°C*	*-60*
Flash Point, COC	*D 92*	*°C*	*256*
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*	*7*
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*	*0.514*
Four Ball Test, Weld Load	*IP 239*	*kg*	*140*
Copper Strip, 3 h, 100 °C (212 °F)	*D 130*	*-*	*1A*

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 150 is ***1.24*** *kg* CO_2*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

VINÇOTTE