

## Q8 Vivaldi M 680

Superior circulating oil for no-twist rod mills

### Description

Q8 Vivaldi M 680 is an exceptional heavy duty circulating oil specially designed for no-twist rod mills. This superior circulating oil fully meets the requirements of Morgoil no-twist rod mills and Danielli rod mills. Q8 Vivaldi M 680 offers extreme demulsibility and is the perfect product for circulating lubrication in gears and bearings.

### Applications

Q8 Vivaldi M 680 is used in no-twist rod mills, hydraulic applications that require a high viscosity oil, marine and industrial gearboxes and general equipment. It is highly recommended for plain and rolling bearings. Q8 Vivaldi M 680 is suited for valves and pumps and for moderate duty spur, bevel and helical gear units.

### Benefits

- Minimizes downtime which leads to a higher maintenance efficiency
- Extensive oil drain interval for a longer lubricant lifetime
- Superior separation of water
- Excellent air release
- Extreme protection against corrosion
- Outstanding oxidation stability
- Low residue forming
- Outstanding foam stability

### Specifications & Approvals

DIN

51517-1 C

ISO

6743-0 Y

### Properties

|                                    | Method    | Unit               | Typical     |
|------------------------------------|-----------|--------------------|-------------|
| ISO Viscosity Grade                | -         | -                  | 680         |
| Colour                             | D 1500    | -                  | 4,5         |
| Density, 20 °C                     | D 4052    | g/ml               | 0,899       |
| Kinematic Viscosity, 40 °C         | D 445     | mm <sup>2</sup> /s | 680         |
| Kinematic Viscosity, 100 °C        | D 445     | mm <sup>2</sup> /s | 40          |
| Viscosity Index                    | D 2270    | -                  | 95          |
| Pour Point                         | D 97      | °C                 | -6          |
| Flash Point, COC                   | D 92      | °C                 | 255         |
| Emulsion, Distilled Water, 82.2 °C | D 1401    | -                  | 40-40-0(20) |
| 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           |
| FZG Test, A/8.3/90                 | DIN 51354 | load stage         | >11         |

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 Vivaldi M 680 is **1.29** 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

