

TECHNICAL DATA SHEET

UNIQUE Q903

Product Information:

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QMAX 0W30 – Q903

- Ultra Performance & Power & Protection
- EDPRO (Environment Protection and DPF Technology)
- Full Synthetic

Description:

QMAX 0W30 Q903 is fully synthetic and high performances, for gasoline, Diesel and Direct Injection Diesel fitted with after treatment devices (DPF...). To be used when BMW LL-04 specification is required.

Product features:

- Fuel economy
- Engine protection & cleanliness
- CO2 reduction
- Easy cold starting: efficient viscosity at low temperatures

Application:

Passenger car & light commercial vehicles engine

Specifications:

ACEA: C3-12
BMW LL-04, MB229.51

Packaging:

12 x 1 L bottle, 4 x 4 L can, 4 x 5 L can, 1 x 20 L pail, 1 x 60 L drum, 1 x 210 L drum

Typical data:

| Characteristics | Method | Units | Typical | Mini | Maxi |
|-----------------------------|---------------|----------|---------|------|-------|
| Viscosity grade | SAE-J | - | 5W30 | - | - |
| Kinematic viscosity @ 100°C | ASTM D 7279 | cSt | 11,1 | 9,3 | 12,5 |
| Kinematic viscosity @ 40°C | ASTM D 7279 | cSt | 62 | - | - |
| Viscosity index | | | 160 | - | - |
| CCS viscosity | ASTM D 5293 | mPa.s | 6000 | - | 6600 |
| HTHS viscosity @ 150°C | CEC-L-36-A-97 | mPa.s | 3,6 | 3,5 | - |
| MRV viscosity @ -35°C | ASTM D4684 | mPa.s | - | - | 60000 |
| Colour | ASTM D1500 | - | 2,5 | - | 3,0 |
| Density | D 20/4 | - | 0,865 | - | - |
| Pour point | ASTM D 5950 | °C | -39 | -36 | - |
| T.B.N. | ASTM D 2896 | Mg KOH/g | 7,4 | 6,8 | 8,1 |
| Sulphated ashes | ISO/FDIS 3987 | % mass | 0,79 | - | 0,8 |
| Spectrometric analysis | ICP | ppm | | | |
| Phosphorus | | | 800 | 700 | 800 |
| Zinc | | | 880 | 800 | 960 |
| Calcium | | | 1840 | 1670 | 2000 |
| Sulphur | | | - | | 3000 |
| NOACK volatility | ASTM D 5800 | % mass | 10 | - | 11 |

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