

ARECA F6003**Synthetic engine oil 5W40**

Top of the range synthetic engine oil providing protection against wear, longevity of exhaust gas aftertreatment systems ("Low-SAPS" technology) and engine cleanliness.

ARECA F6003 is specially dedicated for Renault (RN 0700/0710 standard), Volkswagen (VW 502.00/505.01 standard), Mercedes (MB229.31 standard) or Opel/Général Motors (Dexos 2 standard) engines. It is also ideal when API SN and/or ACEA C3 level is required.

Specifications

- ✓ ACEA C3
- ✓ API SN
- ✓ Renault RN 0700 / 0710
- ✓ VW 502.00 / 505.01
- ✓ MB229.31
- ✓ MB 226.5
- ✓ Ford WSS-M2C917A
- ✓ Porsche A40
- ✓ Opel Dexos 2

Physicochemical Characteristics

| Characteristics | Method | Unit | Typical value | Min. | Max. |
|-----------------------------|-------------|----------|---------------|------|-------|
| Viscosity grade | SAE J300 | - | 5W40 | - | - |
| Kinematic viscosity @ 100°C | ASTM D 7042 | cSt | 14.2 | 13.7 | 16.3 |
| Kinematic viscosity @ 40°C | ASTM D 7042 | cSt | 86 | - | - |
| Viscosity index | ASTM D 2270 | - | 172 | - | - |
| CCS viscosity @ -30°C | ASTM D 5293 | mPa.s | 6000 | - | 6600 |
| HTHS viscosity @ 150°C | ASTM D 4683 | mPa.s | 3.8 | 3.5 | - |
| MRV viscosity @ -35°C | ASTM D 4684 | mPa.s | - | - | 60000 |
| Density @ 20°C | ASTM D 7042 | - | 0.847 | - | - |
| Pour point | ASTM D 97 | °C | -45 | - | -27 |
| T.B.N. | ASTM D 2896 | Mg KOH/g | 8.0 | 7.2 | 8.6 |
| Sulfated ash | ASTM D 874 | % mass | 0.8 | - | 0.8 |
| Spectrometric analysis | ICP | ppm | | | |
| Phosphorus | | | 800 | 700 | 900 |
| Zinc | | | 890 | 800 | 1000 |
| Calcium | | | 1850 | 1650 | 2000 |
| Sulfur | | | 1700 | - | 3000 |
| NOACK volatility | ASTM D 5800 | % mass | 9.9 | - | 12.0 |
| Colour | ASTM D 1500 | - | 2.5 | - | 3.5 |

Security

See Safety Data Sheet