TECHNICAL DATA

SYNTA-VISCO-LUBE 9027
Synthetic oil for high precision micromechanics

Description

Viscous 100% synthetic oil based on ether and aliphatic alcohol with excellent resistance to ageing and excellent grip.

Providing an excellent lubricity at high viscosity this oil is particularly suitable for noise attenuation. It is especially recommended for metal/plastic as well as for plastic/plastic contacts.

Technical features (indicative values)

<table>
<thead>
<tr>
<th>Feature</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Yellow</td>
</tr>
<tr>
<td>Viscosity at 0°C</td>
<td>7600 cSt</td>
</tr>
<tr>
<td>Viscosity at 20°C</td>
<td>1050 cSt</td>
</tr>
<tr>
<td>Viscosity at 40°C</td>
<td>242 cSt</td>
</tr>
<tr>
<td>Pour point</td>
<td>-20 °C</td>
</tr>
<tr>
<td>Density at 20°C</td>
<td>0.935 g/ml</td>
</tr>
<tr>
<td>Refraction index at 20 °C</td>
<td>1.495</td>
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<tr>
<td>Acidity</td>
<td>1.0 mg KOH / g</td>
</tr>
</tbody>
</table>

Unctuousness / Lubricity

Viscosity / Texture

Ageing resistance / Stability

Adhesion / Grip

Compatibility

Metals and polymers

Application

Universal

Shelf life

6 years

Temperature range

-7 °C to +80 °C

Application fields

Viscous universal oil to be used for :
- Precision micromechanics (watch, timer, measuring devices, tools, ...)
- Instrumentation and counters (automotive, aeronautic, naval, ...)
- Micro motors and stepper motors
- Cameras and optical instruments
- General mechanics (office equipment, fans, ...)
- Lubrication of slow mobiles submitted to significant pressure and torque (gearing, certain wheels, ...)

Radar chart

Superficial tension

Viscosity index

Pour point

High pressure resistance

Friction reduction

Wear resistance

Storage

We advise keeping Moebius products in their original packaging in a clean and dry place, protected from light, ideally at a temperature of 15 to 26 °C.

After opening we recommend keeping the products for a maximum of 12 months.