

# ARCTIC 9040

Synthetic oil for high precision micromechanics



## Description

100% synthetic very fluid and unctuous fine oil based on esters having a very good resistance to aging and having an extremely low degree of volatility.

This oil is specially designed for watches and precision instruments needed to function at ultra low temperatures.



## Technical features (indicative values)

<b>Appearance</b>	Pale yellow
<b>Viscosity at 0°C</b>	65 cSt
<b>Viscosity at 20°C</b>	24 cSt
<b>Viscosity at 40°C</b>	12 cSt
<b>Pour point</b>	-57 °C
<b>Density at 20°C</b>	0.919 g/ml
<b>Refraction index at 20 °C</b>	1.452
<b>Acidity</b>	0.5 mg KOH / g

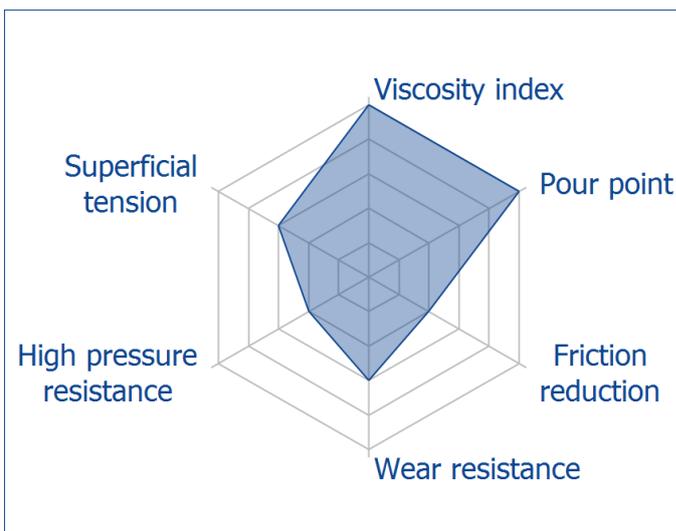
<b>Unctuousness / Lubricity</b>	
<b>Viscosity / Texture</b>	
<b>Ageing resistance / Stability</b>	
<b>Adhesion / Grip</b>	
<b>Compatibility</b>	Metals and polymers
<b>Application</b>	Ultra low temperature
<b>Shelf life</b>	6 years
<b>Temperature range</b>	-52 °C to +120 °C

## Application fields

### Fine ultra low temperature oil to be used for :

- Precision micromechanics (watch, timer, measuring devices, tools, ...)
- Instrumentation and counters (automotive, aeronautic, naval,...)
- Micro motors and stepper motors
- Lubrication of fast mobiles with low torque (pendulum pivots, escapements, certain wheels,...)
- Suitable for lubrication of mechanical parts, meters and measuring devices subject to very low temperatures

## Radar chart



## 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.

