

# SYNTECAP 941

Synthetic oil for high precision micromechanics



## Description

100% synthetic fluid thin oil based on ether and aliphatic alcohol with excellent resistance to ageing. With excellent lubricity and outstanding grip, this oil is ideal for lubrication of lifts (escapements).



## Technical features (indicative values)

<b>Appearance</b>	Pale yellow
<b>Viscosity at 0°C</b>	340 cSt
<b>Viscosity at 20°C</b>	105 cSt
<b>Viscosity at 40°C</b>	42 cSt
<b>Pour point</b>	-46 °C
<b>Density at 20°C</b>	0.923 g/ml
<b>Refraction index at 20°C</b>	1.473
<b>Acidity</b>	2.45 mg KOH / g

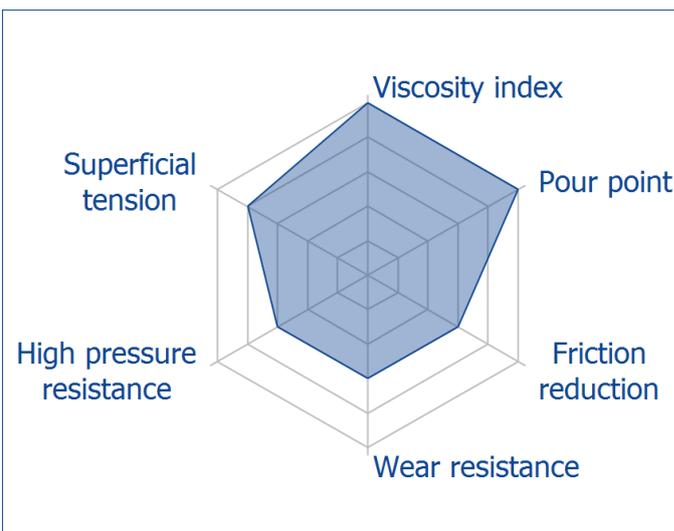
<b>Unctuousness / Lubricity</b>	
<b>Viscosity / Texture</b>	
<b>Ageing resistance / Stability</b>	
<b>Adhesion / Grip</b>	
<b>Compatibility</b>	Metals and certain polymers
<b>Application</b>	Ideal for the escapement
<b>Shelf life</b>	6 years
<b>Temperature range</b>	-35 °C to +70 °C

## Application fields

### Fine fluid 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 fast mobiles with low torque (pendulum pivots, escapements, certain wheels,...)

## 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.

