

SYNT-HP1000 9103-FL

Synthetic high pressure oil for precision mechanics



Description

In the range of 100% synthetic high pressure oils HP1000 is the third in the series. In addition to their pressure resistance properties these HP oils are extremely stable and have good lubricity and adhesion.

The added fluorescent tracer allows visualizing the presence of small quantities of oil under UV illumination. Lubricating properties are identical to the 9103 standard oil.



Technical features (indicative values)

Appearance	Fluorescent red
Viscosity at 0°C	4700 cSt
Viscosity at 20°C	1000 cSt
Viscosity at 40°C	302 cSt
Pour point	-30 °C
Density at 20°C	0.925 g/ml
Refraction index at 20 °C	1.476
Acidity	2.0 mg KOH / g

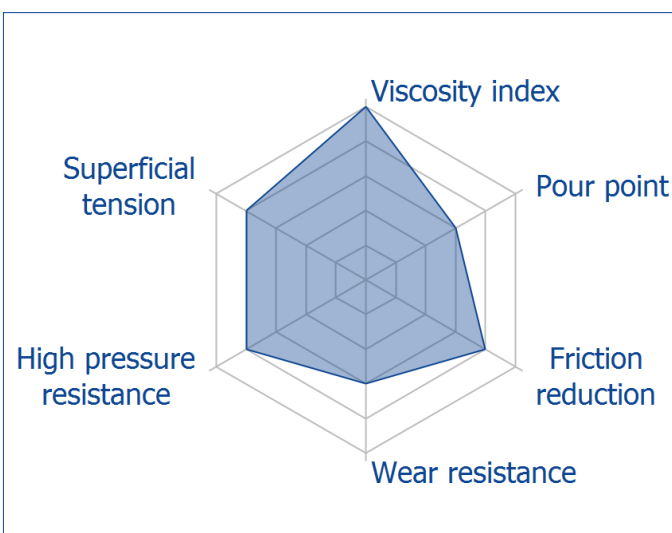
Unctuousness / Lubricity	
Viscosity / Texture	
Ageing resistance / Stability	
Adhesion / Grip	
Compatibility	Metals and polymers
Application	High pressure
Shelf life	3 years
Temperature range	-30 °C to +100 °C

Application fields

High pressure oil to be used for :

- Precision micromechanics (watch, timer, measuring devices, tools,...)
- Instrumentation and counters (automotive, aeronautic, naval,...)
- Micro motors and stepper motors
- General mechanics (office equipment, fans,...)
- Ball bearings, parts of mechanisms
- Lubrication of slow mobiles submitted to significant pressure and torque (gearing, 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.

