

# SYNT-HP1300 9104

*Synthetic high pressure oil for precision mechanics*



## Description

In the range of 100% synthetic high pressure oils, HP1300 is the most viscous and last in the series. In addition to their pressure resistance properties these HP oils are extremely stable and have good lubricity and adhesion. The friction coefficient is insensitive to wet conditions and the oil is suitable for all types of materials.



## Technical features (indicative values)

<b>Appearance</b>	Red
<b>Viscosity at 0°C</b>	5900 cSt
<b>Viscosity at 20°C</b>	1250 cSt
<b>Viscosity at 40°C</b>	380 cSt
<b>Pour point</b>	-30 °C
<b>Density at 20°C</b>	0.925 g/ml
<b>Refraction index at 20 °C</b>	1.477
<b>Acidity</b>	2.0 mg KOH / g

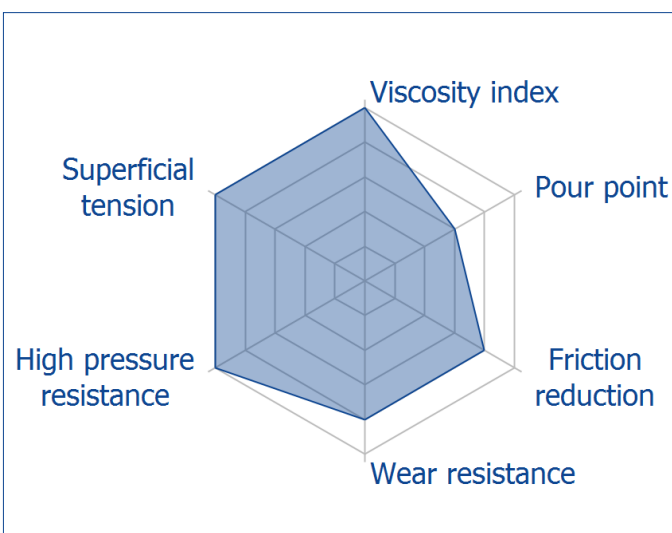
<b>Unctuousness / Lubricity</b>	
<b>Viscosity / Texture</b>	
<b>Ageing resistance / Stability</b>	
<b>Adhesion / Grip</b>	
<b>Compatibility</b>	Metals and polymers
<b>Application</b>	High pressure
<b>Shelf life</b>	6 years
<b>Temperature range</b>	-25 °C to +100 °C

## 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.

