

SYNT-A-LUBE 9010

Synthetic oil for high precision micromechanics



Description

100% synthetic universal fluid thin oil based on ether and aliphatic alcohol with excellent resistance to ageing and good resistance to pressure. Also very effective for use under wet conditions.

With excellent lubricity and outstanding grip, this oil is ideal for regulating parts and fast mobiles. Suitable for all materials. Also available in blue (9010-B).



Technical features (indicative values)

Appearance	Pale blue-green
Viscosity at 0°C	625 cSt
Viscosity at 20°C	150 cSt
Viscosity at 40°C	52 cSt
Pour point	-42 °C
Density at 20°C	0,907 g/ml
Refraction index at 20 °C	1.474
Acidity	2.4 mg KOH / g

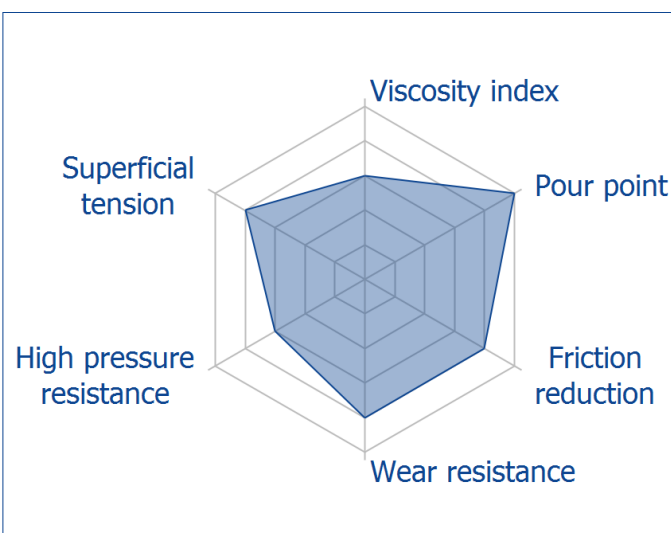
Unctuousness / Lubricity	
Viscosity / Texture	
Ageing resistance / Stability	
Adhesion / Grip	
Compatibility	Plastics and metals
Application	Universal
Shelf life	6 years
Temperature range	-30 °C to +70 °C

Application fields

Fine 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 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.



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)

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

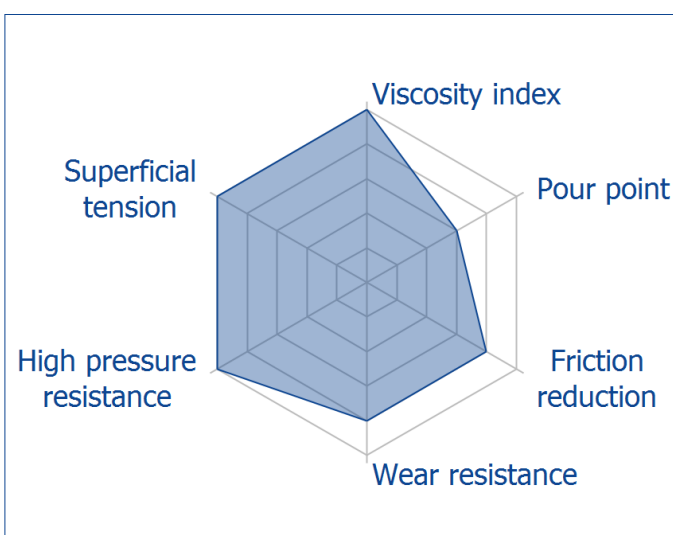
Unctuousness / Lubricity	
Viscosity / Texture	
Ageing resistance / Stability	
Adhesion / Grip	
Compatibility	Metals and polymers
Application	High pressure
Shelf life	6 years
Temperature range	-25 °C to +100 °C

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.



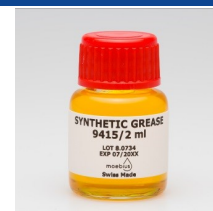
SYNTHETIC GREASE 9415

Synthetic grease for high precision mechanics



Description

100% synthetic soft thixotropic grease presenting an excellent stability and a very good lubricity allowing effective wear reduction. Specially developed for the lubrication of the escapement, it allows the formation of an efficient lubrication film.



Technical features (indicative values)

Appearance	Yellow
Penetration	405 1/10 mm
Drop point	70 °C
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Base oil	Esters
Viscosity at 20°C	110 cSt
Refraction index at 20 °C	1.475
Pour point	-35 °C
Acidity	5 mg KOH / g

Unctuousness / Lubricity



Viscosity / Texture



Ageing resistance / Stability



Adhesion / Grip



Compatibility

Metals and certain polymers

Application

Ideal for the escapement

Shelf life

6 years

Temperature range

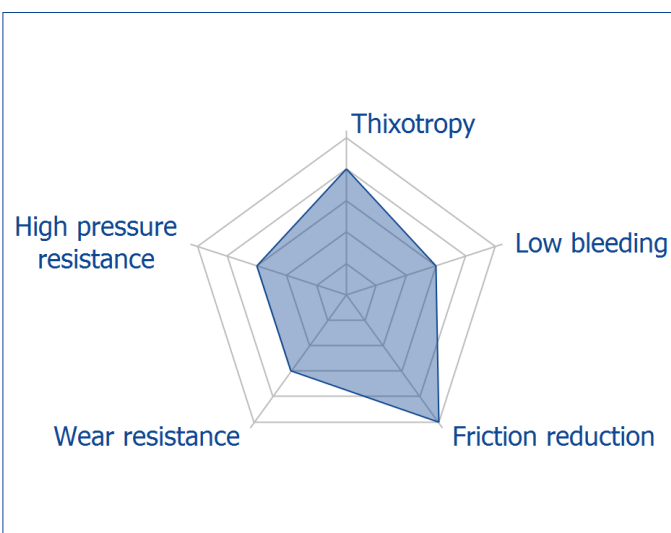
-30 °C to +80 °C

Application fields

Synthetic grease to be used for :

- Precision micromechanics (watch, timer, measuring device , tools, ...)
- Instrumentation and counters (automotive, aeronautic, naval,...)
- Micro motors and stepper motors
- Ball bearings, parts of mechanisms
- 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.



SYNTHETIC GREASE 9501-R

Synthetic grease for high precision micromechanics



Description

100% synthetic soft grease, slightly thixotropic, developed to resolve friction problems (time setting) and other frictions between steels.

The base is a mixture of synthetic oils of high stability, acquiring the necessary consistency of a grease by adding an Aerosil. Suitable for medium loads for a wide range of applications.



Technical features (indicative values)

Appearance	Red
Penetration	400 1/10 mm
Drop point	Non-fusing
Base oil	Synthetic
Viscosity at 20°C	176 cSt
Refraction index at 20 °C	1.463
Pour point	-38 °C
Acidity	0.5 mg KOH / g

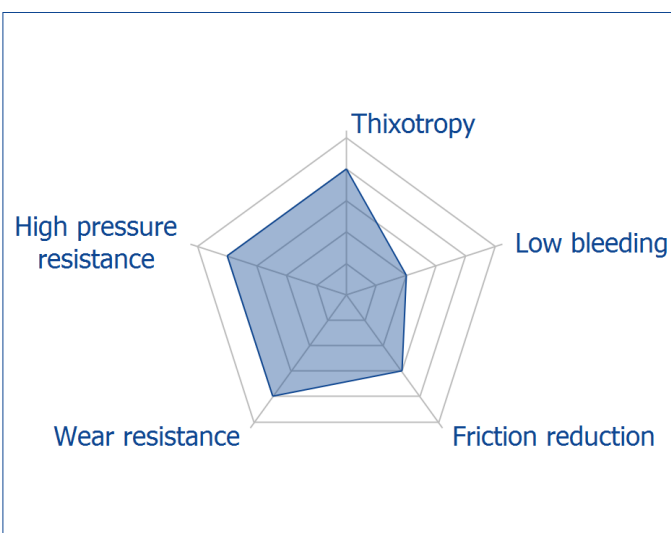
Unctuousness / Lubricity	
Viscosity / Texture	
Ageing resistance / Stability	
Adhesion / Grip	
Compatibility	Metals and certain polymers
Application	Universal
Shelf life	6 years
Temperature range	-30 °C to +80 °C

Application fields

Fluid synthetic grease to be used for :

- Precision micromechanics (watch, timer, measuring devices, tools,...)
- Instrumentation and counters (automotive, aeronautic, naval,...)
- General mechanics (office equipment, fans,...)
- Lubrication of slow mobiles submitted to significant pressure and torque (gearing, certain wheels,...)
- High friction systems submitted to moderate pressure and high torque (time setting, winding, calendar and chronograph mechanism,..)

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.



SYNTHETIC GREASE 9504

Synthetic grease for high friction applications



Description

100% synthetic soft grease with a high crush stability presenting a very good lubricity under high pressure conditions allowing to reduce notably the wear. Suitable for a wide field of applications (time setting friction, winding mechanism, calendar, chronograph). Also available in a colorless version (9504-SC).



Technical features (indicative values)

Appearance	Pale blue
Penetration	330 1/10 mm
Drop point	Non-fusing
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Base oil	Synthetic
Viscosity at 20°C	305 cSt
Refraction index at 20 °C	1.477
Pour point	-25 °C
Acidity	2.6 mg KOH / g

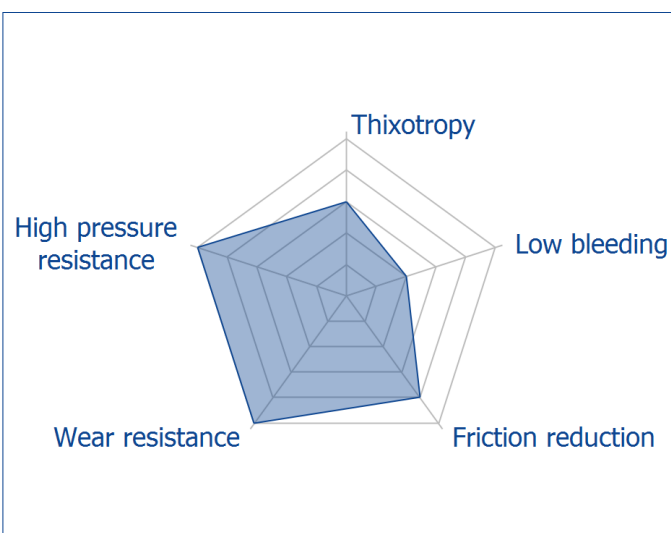
Unctuousness / Lubricity	
Viscosity / Texture	
Ageing resistance / Stability	
Adhesion / Grip	
Compatibility	Metals and certain polymers
Application	Universal
Shelf life	6 years
Temperature range	-20 °C to +100 °C

Application fields

Very soft synthetic grease to be used for :

- Precision micromechanics (watch, timer, measuring devices, tools, ...)
- Instrumentation and counters (automotive, aeronautic, naval,...)
- General mechanics (office equipment, fans,...)
- Lubrication of slow mobiles submitted to significant pressure and torque (gearing, certain wheels,...)
- High friction systems submitted to moderate to high pressure (time setting, winding, calendar and chronograph mechanism,..)

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.

