#### Natural greases for watchmaking and micromechanics.





#### -40...+80 0.060 28.8200-020 20 Solid 30 20 13 -40...+80 30 20 13 0.130 28.8200-050 50 Solid 28.8200-250 250 -40...+80 Solid 30 20 13 0.530 28.8200-1L 1000 -40...+80 Solid 30 20 13 1.410

Very soft natural grease with important thixotropic properties. With vegetable oils as additive, it is ideal for the lubrication of springs, friction of large surfaces, slow mobiles and ball bearings.

Fusible, it can be used hot for hardening lubrication.

Temp.

Cloudy yellow aspect.

#### Moebius 8200



- - 8200-FL fluorescent

#### 8200-FL

MSA	ml	Temp. ° C	Visc. 40° C	Visc. 50° C	Visc. 60° C	Visc. 80° C	Kg
28.8200-020FL	20	-40+80	Solid	30	20	13	0.060
28.8200-050FL	50	-40+80	Solid	30	20	13	0.130
28.8200-250FL	250	-40+80	Solid	30	20	13	0.530
28.8200-1FL	1000	-40+80	Solid	30	20	13	1.410





#### Moebius 8201

MSA	ml	Temp. ° C	Visc. 40° C	Visc. 60° C	Visc. 80° C	Kg
28.8201-020	20	-40+80	Solid	22	13	0.070
28.8201-050	50	-40+80	Solid	22	13	0.150
28.8201-250	250	-40+80	Solid	22	13	0.600
28.8201-1L	1000	-40+80	Solid	22	13	-

Very soft natural grease with remarkable thixotropic properties. Can be used in molten state. Vegetable oils as additive provide it excellent lubricity as well as performance. The addition of molybdenum disulphide (MoS2) further enhances its lubricity and improves its resistance to pressure. *Black aspect*.





MSA	ml	Temp.	Visc. 20° C	Visc. 40° C	Visc. 60° C	Kg
28.8203-020	20	-40+80	210	-	-	0.060
28.8203-050	50	-40+80	210	-	-	-

Thixotropic grease with a gelatinous consistency. With vegetable oils as additive, it offers a good lubricating power and a very good grip. It is ideal for bearings and applications submitted to moderate to large pressures. Not to be used hot.

Red aspect.

Moebius 8203

## MOEBIUS® GREASES





MSA	ml	Visc. 40° C	Visc. 60° C	Visc. 80° C	Kg
28.8207-020	20	Solid	20	13	0.060
28.8207-050	50	Solid	20	13	0.140
28.8207-250	250	Solid	20	13	0.505

Very flexible and thixotropic classic grease. The vegetable oils used as an additive give it a very good lubricating power. The addition of graphite enhances its lubricity and its resistance to pressure.

Black aspect.

#### Moebius 8207





MSA	ml	Temp. ° C	Visc. 20° C	Visc. 40° C	Visc. 60° C	Kg
28.8212-020	20	-40+80	200	-	-	0.080
28.8212-050	50	-40+80	200	-	-	0.062

Soft grease (Glissalube B). The vegetable oils used as additive give it a good lubricating power. Developed for the lubrication of barrel drums, it provides moderate braking.

Specially recommended for aluminium barrel walls.

Red aspect.

Moebius 8212



#### - 8212-SC colourfree

#### 8212-SC

MSA	ml	Temp. ° C	Visc. 20° C	Visc. 40° C	Visc. 60° C	Kg
28.8212-20\$	20	-40+80	200	-	-	-
28.8212-50S	50	-40+80	200	-	-	0.160





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MSA	ml	Temp. ° C	Visc. 20° C	Visc. 40° C	Visc. 60° C	Kg
28.8213-020	20	-40+80	205	-	-	0.080

Hard grease (Glissalube A). The vegetable oils used as an additive give it a good lubricating power. Developed for the lubrication of barrel drums, it provides effective braking.

Specially recommended for brass barrel walls.

Orange aspect.

moebíus



MSA	ml	Temp. ° C		Visc. 40° C	Visc. 60° C	Kg
28.8217-020	20	-40+80	- - - -	-	-	0.080

Very soft grease (Glissalube 20) which has a good lubricity. Developed for the lubrication of barrel drums, it assures efficient braking.

This grease is recommended for the lubrication of all types of barrels. Brown aspect.

Moebius 8217





#### Moebius 8300



- - - 8300-FL fluorescent

MSA	ml	Temp. ° C	Visc. 40° C	Visc. 60° C	Visc. 80° C	Kg
28.8300-020	20	-40+80	Solid	-	11	0.045
28.8300-050	50	-40+80	Solid	-	11	0.130
28.8300-250	250	-40+80	Solid	-	11	0.530
28.8300-1L	1000	-40+80	Solid	-	11	1.410

Soft grease with notable thixotropic properties. With vegetable oils as additive, this grease has a very good lubricating power and is specially recommended for springs and winder functions or any other applications subject to heavy friction.

Colourless-yellowish aspect.

### 8300-FL

MSA	ml			Visc. 60° C	Visc. 80° C	Kg
28.8300-020F	20	-40+80	Solid	-	11	0.045





Moebius 8301

MSA	ml	Temp. ° C	Visc. 40° C	Visc. 60° C	Visc. 80° C	Kg
28.8301-020	20	-40+80	Solid	-	11	0.045
28.8301-1L	1000	-40+80	Solid	-	11	-

Hard grease, slightly thixotropic. With vegetable oils as additive, as well as graphite as a solid additive, this grease has a very good lubricating properties and a good resistance to pressure.

With its excellent grip, this grease is recommended for applications subject to heavy friction.

Black aspect.





Moebius 8302

MSA	ml	Temp. ° C	Visc. 40° C	Visc. 60° C	Visc. 80° C	Kg
28.8302-020	20	-40+80	Solid	-	14	0.051
28.8302-050	50	-40+80	Solid	-	14	0.140
28.8302-250	250	-40+80	Solid	-	14	0.580

Hard grease, slightly thixotropic. With vegetable oils as additive, as well as molybdenum disulphide graphite (MoS2) as a solid additive, this grease has a very good lubricating properties and a good resistance to pressure. With its excellent grip, this grease is recommended for applications subject to heavy pressure.

Grey-black aspect.

#### Synthetic greases for watchmaking and micromechanics.





#### Moebius 9415

- - - 9415-FL fluorescent



MSA	ml	Temp. ° C	Visc. 20° C	Kg
28.9415-002	2	-30+80	110	0.016
28.9415-010	10	-30+80	110	0.038
28.9415-100	100	-30+80	110	0.370

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.

For micromechanics, it is used in the following areas: miniature ball bearings, step-by-step motors, high frequencies, synchronies, etc. Yellow aspect.

9415-FL	
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MSA	ml	Temp. ° C	Visc. 20° C	Kg
28.9415-2F	2	-30+80	110	-
28.9415-01F	10	-30+80	110	0.054





Moebius 9500

MSA	ml	Temp. ° C	Visc. 20° C	Kg
28.9500-010	10	-20+100	1350	-

100% synthetic firm braking grease based on a polyol ester, developed for the lubrication of the barrel. With a very good crush-ing stability and with special additives, it presents an excellent grip and allows to protect surfaces against wear.

Suitable for appli-cations at high pressure.

Grease particularly adapted to the lubrication of barrel drums.

Black aspect.

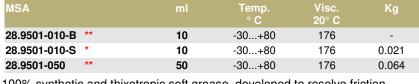
### **MOEBIUS® GREASES**





#### Moebius 9501

- \* Syringe
- \*\* Bottle



100% synthetic and thixotropic soft grease, developed to resolve friction problems like time setting, winding and calendar mechanisms, rotating bezels of diving watches 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.

Blue aspect.



MSA	ml	Temp. ° C	Visc. 20° C	Kg
28.9501-R-010 *	10	-30+80	176	0.021



MSA		ml	Temp. ° C	Visc. 20° C	Kg
28.9501-10S	*	10	-30+80	176	0.021

#### 9501-FL

MSA	ml	Temp. ° C	Visc. 20° C	Kg
28.9501-01F-B **	10	-30+80	176	0.021
28.9501-01F-S *	10	-30+80	176	0.021
28.9501-05F **	50	-30+80	176	0.064





28.9501-01F-S	•	10	-30+80	1/6	0.021
28.9501-05F	**	50	-30+80	176	0.064



Moebius 9520 fluorescent

MSA	ml	Temp. ° C	Visc. 20° C	Kg
28.9520-10F	10	-20+100	305	-

Partially synthetic soft grease with very good lubricity under high to very high pressure conditions. It is formulated with a high performance solid lubricant to significantly reduce wear.

Suitable for a wide range of applications (cannon-pinion friction, time setting friction, winding mechanism, calendar, date, chronograph).

The addition of a fluorescent tracer makes it possible to visualize the presence of small amounts of grease under UV illumination.

Black aspect.





Moebius 9550

MSA	ml	Temp. ° C	Visc. 20° C	Kg
28.9550-010	10	-20+100	1350	-

100% synthetic soft grease with a high crush stability presenting a very good lubricity under high pressure conditions allowing to reduce notably the wear. This grease is made with a lithium-based soap.

Suitable for a wide range of applications: time setting friction, winding mechanism, calendar and chronograph.

Red aspect.

## MOEBIUS® GREASES



# Moebius 9504 \* Syringe



- - - 9504-FL fluorescent



MSA	ml	Temp. ° C	Visc. 20° C	Kg
28.9504-005	5	-20+100	305	0.047
28.9504-10	10	-20+100	305	0.057
28.9504-10-S *	10	-20+100	305	0.024
28.9504-50	50	-20+100	305	0.125

100% synthetic soft grease with a high crush stability presenting a very good lubricity under high pressure conditions allowing to reduce notably the wear. Grease 9501 is the basic component.

The addition of a grease based on a metal soap increases the consistency and improves adhesion. A neutral additive provides excellent high-pressure resistance and guarantees a good reduction in wear.

Suitable for any metal/metal friction of medium and high pressures. Applications: time setting friction, winding mechanism, calendar and chronograph.

Light blue aspect.

#### 9504-SC

MSA	ml	Temp. ° C	Visc. 20° C	Kg
28.9504-05S	5	-20+100	305	0.047
28.9504-10S	10	-20+100	305	0.057
28.9504-10S-S *	10	-20+100	305	0.020
28.9504-50S	50	-20+100	305	0.125

### 9504-FL

MSA	ml	Temp. ° C	Visc. 20° C	Kg
28.9504-05F	5	-20+100	305	0.047
28.9504-10F	10	-20+100	305	0.057
28.9504-50F	50	-20+100	305	0.125

#### Waterproof silicon greases.



Moebius 8513

MSA	ml	Temp. ° C	Visc. 20° C	Kg
28.8513-010	10	-60+150	Solid	0.015
28.8513-050	50	-60+150	Solid	0.070
28.8513-100	100	-60+150	Solid	0.145
28.8513-200	200	-60+150	Solid	0.320
28.8513-4L	4000	-60+150	Solid	-

Firm sealant grease. Based on its chemical nature, this silicone grease exhibits very high inertia and resistance to external aggressions such as UV light or oxidative stress.

Moreover, this product has very good demixing properties for water. Ideal for repairing and control of waterproof watches.

Transparent white aspect.



MSA	Contents	Kg
28.002	2 g	0.030

Box with grease Moebius® 8513.



Moebius 8516

MSA	ml	Temp. ° C	Visc. 20° C	Kg
28.8516-10	10	-60+120	Soft	0.015
28.8516-50	50	-60+120	Soft	0.072
28.8516-200	200	-60+120	Soft	0.550

Sealing grease softer than 8513. Based on its chemical nature, this silicone grease exhibits very high inertia and resistance to external aggressions such as UV light or oxidative stress.

Moreover, this product has very good demixing properties for water. Ideal for repairing and control of waterproof watches.

Transparent white aspect.