

## Instructions for Use

Clean parts well (for example with SEVELUB Fix 1), shake **MULTI-SLIDE® Universal Spray Oil** well, apply evenly and let absorb for a few minutes. If **MULTI-SLIDE® Universal Spray Oil** is used as a rust remover, the exposure

time can be longer. A general application of **MULTI-SLIDE® Universal Spray Oil** is recommended in any case. The optimal application intervals should be determined several test.

## Technical Data

### Composition:

synthetic and mineral oils,  
solvent (biodegradable),  
anti-corrosion and water-displacing  
additives with PTFE as solid lubricant

### Friction coefficient:

PTFE 0.002 - 0.006

### Density:

0,89 at 20°C

### Flash point PM CC C:

80°C

### Temperature range:

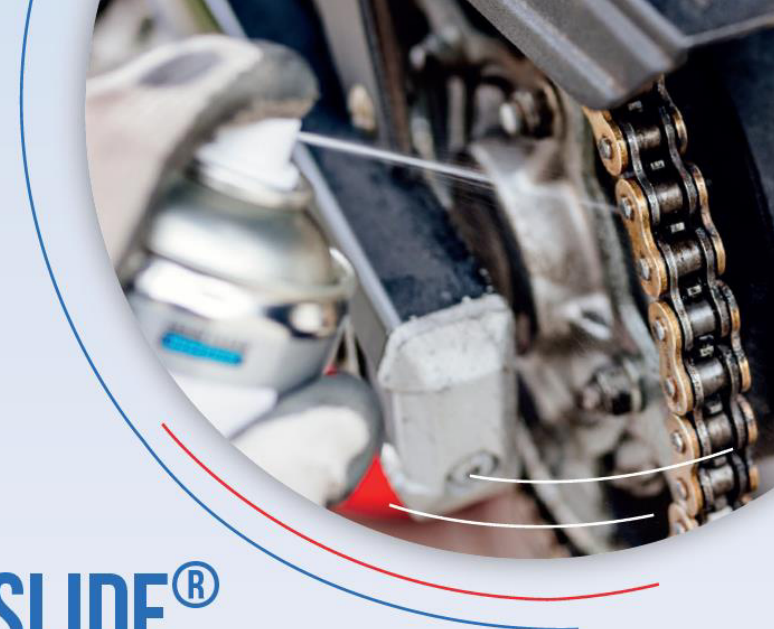
-43°C until +170°C, short-term until 220°C

### Biodegradability:

approx. 65%

### Corrosion protection (indoor):

up to 6 months



## MULTI-SLIDE® UNIVERSAL SPRAY OIL WITH PTFE

- reduces wear
- protects against corrosion
- takes care of all machine parts
- prevents Slip-Stick
- protects the environment



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## Products

### Multi-SLIDE®

Universal Spray Oils with PTFE

(available in 1L spray bottle with hand pump, 5 L and 20 L refill canister)

### Multi-SLIDE® PLUS

Universal Spray Oils with PTFE and increased corrosion protection

(available in 1L spray bottle with hand pump, 5 L and 20 L refill canister)

### Multi-SLIDE® UNISPRAY

with PTFE

(available in 400ml spray cans CFC-free)

## Typical Application

**MULTI-SLIDE® Universal Spray Oil** with PTFE can be used almost indefinitely. Particularly noteworthy are the good results for heavily loaded machines with oscillating movements.

Exemplary areas of application are:

- facilities
- bed tracks
- office machinery
- wire ropes
- lathes
- electrical & electronic machines
- fine mechanical instruments
- conveyor systems
- guides
- chains
- chain bearings
- motor yachts
- sewing machines
- optical devices
- sliding doors
- seagoing vessels
- conveyor belts
- door locks
- weapons
- looms
- machine tools
- ring gears

## Product Properties

All **MULTI-SLIDE® Spray Oils** contain microfine PTFE particles. By the combination of selected mineral and synthetic base oils and organic thickeners with PTFE particles, exceptional properties are achieved.

PTFE has the lowest coefficient of friction of all solid lubricants (comparable to wet ice). The microfine PTFE particles smooth the natural roughness of the sliding surface and form, caused by the high-quality base oils, a stable lubricating film that also persists under extreme loads, high temperatures and / or oscillating movements.

**MULTI-SLIDE® Universal Spray Oils** with PTFE displace moisture as well as dampness (including sea water), infiltrate dirt and deposits, protect from corrosion and wear thus extend the service life of the treated machine parts.

**MULTI-SLIDE® Universal Spray Oils** with PTFE are very economical. Lubrication intervals can be extended by up to five times. This reduces downtimes noticeable.

**MULTI-SLIDE® Universal Spray Oils** with PTFE protect the environment because they are:

- more than 64% biodegradable
- very economical
- offered in refillable containers
- offered in CFC-free propellant spray cans



# MULTI-SLIDE Universal spraying oil with PTFE

## Typical applications

Protects and maintains all machine parts, chains, chain wheels, wire ropes, racks, gears and open sliding bearings, hinges, joints of telescopic guides on crane systems, guide rails on machine tools etc..

MULTI-SLIDE Universal spraying oil with PTFE gives a good protection against corrosion.

## Typical properties

Universal spraying oil based on mineral and synthetic base oils with specially selected EP/ AW additives and PTFE powder as solid lubricant.

Structure			liquid
Colour			amber coloured / yellowish
Operating temperature range	°C		- 43 to + 170
ISO viscosity grade		ISO 3448	22
Viscosity @ 100 °C	mm <sup>2</sup> /s	ASTM D 445 / ISO 3104	6,1
Viscosity @ 40 °C	mm <sup>2</sup> /s	ASTM D 445 / ISO 3104	20,5
Pour point	°C	ASTM D 97 / ISO 3016	- 45
Flash point	°C	ASTM D 92 / ISO 2592	60
Copper corrosion, 100 °C	3 hrs @	ASTM D 130	1A
Density at 20 °C	kg/l	ASTM D 1298 / DIN 51 757	0,85
biodegradability		OECD 301 / CEC-L-33-A-93	easily biodegradable

## Manufacturer and supplier of special lubricants

VPT Kompressoren GmbH is your supplier for high-quality and high-performance synthetic and mineral specialty lubricants. Your partner for all tribological questions.

Further information on request!