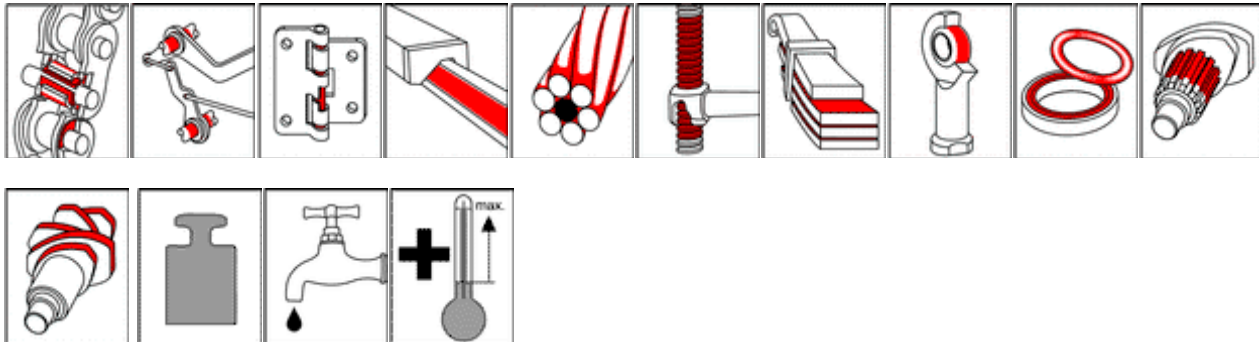


## OKS 451

### Adhesive Chain Lubricant Spray with *Mox-Active*



#### Description

For fast-running chains and other machine elements subjected to high pressures or corrosive influences.

#### Applications

- For simultaneous internal and external lubrication of roller chains such as in motorcycles, forklifts etc.
- For the lubrication of chains operating under water, seawater or steam and in dusty & dirty atmospheres.
- For long term lubrication of small gear drives, bearings, locking mechanisms, hinges etc
- For lubricating sliding tracks, column guides and machine parts exposed to water.
- For lubrication and corrosion protection of wire ropes of all kinds.
- For long term lubrication of Bowden cables, spring assemblies, clutch / brake levers and pedals.

#### Main field of application

- Drive and conveyor technology

#### Application Tips

To achieve optimum lubrication with OKS 451, it is necessary that the chain be thoroughly cleaned and old lubricant residues be completely removed. To ensure proper cleaning of intricate parts, use a powerful cleaning spray like OKS 2601. All anti-corrosion treatment coatings must be removed in case of new chains. You can spray the lubricant on to the chain. Allow excess to drip off and wait for lubricant to penetrate before resuming operation. The manufacturer's instructions should be observed. Assess the lubrication frequency and quantity on basis of service conditions.

#### Advantages and benefits

- Highly effective due to outstanding creep and gap penetration properties
- Highly adhesive and resistant to throwing off
- Contains Mox-Active for increased performance
- Excellent wear protection
- Very good resistance to cold and hot water as well as to saline solutions
- O-ring neutral
- Excellent corrosion protection
- Also available as spray version OKS 451

#### Special Feature

The presence of Mox Active-organic molybdenum complex compounds- in OKS 451 provides surface management leading to a tribological surface finish with extremely low friction value and a high wear protection.



# PRODUCT INFORMATION

## OKS 451

### Adhesive Chain Lubricant Spray with *Mox-Active*

For new chains, cold dipping for 30 minutes in OKS 450 is recommended as first lubrication. Use clean and appropriate lubricating equipment to ensure that only predetermined metered quantity of oil is fed to the inner friction areas of the chain. Do not mix with other lubricants.

#### Technical Data

	Standard	Conditions	Unit	Value
Classification	DIN 51 502	DIN 51825		CLP X 320
<b>Base oil</b>				
Type				Synthetic oils
Viscosity	ASTM D 445	+40°C	mm <sup>2</sup> /s	270 - 300
Viscosity class			ISO VG Class	320
Flash point	ASTM D 92		°C	164
<b>Additives</b>				
Additive				Mox-Active, Tackifiers
<b>Application data</b>				
Density	DIN EN ISO 3838	+20°C	g/ml	0.880 - 0.920
Colour				Brownish Transparent
<b>Operating temperatures</b>				
Lower operating temperature			°C	-30
Upper operating temperature			°C	200
<b>Wear Protection Tests</b>				
Four ball test				
Weld load	DIN 51350-4		N	2400
Wear scar	DIN 51350-5	1,420 rpm/1 h/800 N	mm	0.4

Note: Parameters mentioned above are of the active material.

#### Packaging - Article number

- 500 ml 5300451005

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