

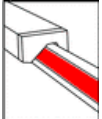
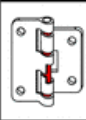
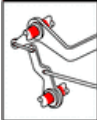
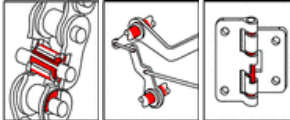


OKS 451 - Product Information

Fields of Application:

Driving and conveyor chains of all designs in open or semi-enclosed operation without a relubrication device. Long-term interior and exterior lubrication of roller chains such as motorcycle, bicycle or multirow stacker truck chains, as well as single or multiple flat-link articulated chains without a relubrication device. Rope drives and wire pulls of many kinds which are subject to high stresses; for example, standing, hoisting, traction or winch ropes in hoisting gears, elevators, lifts or cable cars. Lubrication of flexible drives, bowden and spring cables. Moving machine parts exposed to outdoor weathering and unfavorable temperatures, such as toothed gearing, guides, closing mechanisms, hinges or sliding surfaces.

OKS 451 Chain Lubricant, transparent, Spray

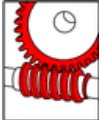
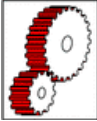
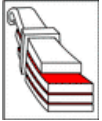


Advantages and Benefits:

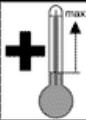
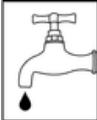
Highly effective due to outstanding creep and gap penetration properties. Contains Mo_x-active to improve performance. Excellent wear protection. Very good resistance to cold and hot water as also to saline solutions (road salt, brine); excellent corrosion protection.

Application:

For best adhesion, clean the surfaces. Best way is to clean mechanically first and then with OKS 2610 or OKS 2611 universal cleaner. Spray a sufficient quantity onto the places to be lubricated. 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. Only mix with suitable lubricants. Our customer advice service will be pleased to help should you have any further questions.



Additional Information:



Packaging (Article number):

- 300 ml Spray (00451003)
- 500 ml Spray (00451005)

Version
E-04.1/05



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OKS 451 Chain Lubricant, transparent, Spray

Technical Data

	Norm	Conditions	Unit	Value
Classification	DIN 51 502			CLP X 320
Base Oil				
Type				Synthetic oils
Viscosity	DIN 51 562-1	+40°C	mm ² /s	300
Viscosity class	DIN 51 519	DIN 51 562-1, 40°C	ISO VG- class	320
Flash point	DIN EN 22719		°C	164
Additives				
Additive				Mo _x -Active, Haftverbesserer
Application Data				
Density	DIN EN ISO 3838	+20°C	g/ml	0,9
Colour				brownish-transparent
Service Temperatures				
Minimum service temperature	DIN 51 805		°C	-30
Maximum service temperature	DIN 51 821-2		°C	200
VBT- weld load (Four ball test rig)	DIN 51 350-4		N	2.400
VBT- wear	DIN 51 350-5	1.420 U/min/1 h/800 N	mm	0,4
Releases / Specifications				
German railways				Substance Ident.Nr. 07551

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