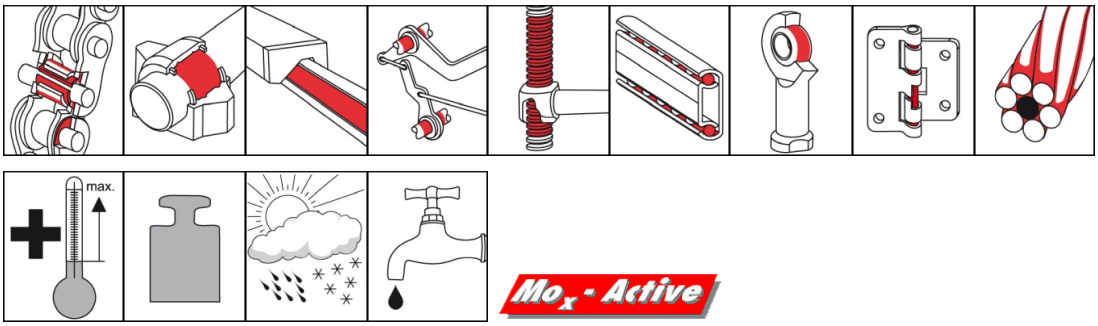


PRODUCT INFORMATION

a product brand of KLÜBER LUBRICATION

OKS 354
High-Temperature Adhesive Lubricant, synthetic



Description

Non-soiling liquid lubricant for lubrication of machine elements at high temperatures or strong influence of water.

Applications

- Lubrication of chains, hinges, joints, ejector pins, clamping and drying frames or slideways at temperatures up to 250°C or under influence of water, for example conveying systems in painting, stoving, drying and cooling bed installations

Branches

- Glass and foundry industry
- Paper and packaging industry
- Rail vehicle technology
- Logistics
- Shipbuilding and marine technology
- Iron and steel industry
- Municipal services
- Plant and machine (tool) engineering
- Rubber and plastic processing
- Chemical industry

Advantages and benefits

- Outstanding oxidation properties
- Resistant to water and steam
- Good creep properties
- Outstanding adhesion and lubrication effect with no tendency to drip
- No formation of hard residues
- Extreme wear protection through Mo_x-Active
- Resistant to ultraviolet radiation
- Also available as spray version OKS 3541

Application tips

For optimum effect, clean the surfaces. Best way is to clean mechanically first and then with OKS 2610/OKS 2611 universal cleaner. Stir/shake well before use. Apply OKS 354 with a brush, drip oiler or by immersion or using a suitable automatic lubrication system to locations to be lubricated. Spray OKS 3541 on evenly. Allow excess to drip off and wait for lubricant to penetrate before resuming operation. Observe the machine manufacturer's instructions. Assess the lubrication frequency and quantity on basis of service conditions, avoid excessive lubrication. Only mix with suitable lubricants.

Packaging

- 1 l Bottle
- 5 l Canister
- 25 l Canister
- 200 l Drum

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Technical data

	Standard	Conditions	Unit	Value
Main components				
base oil				ester
additives				Mo_x-Active
Application related technical data				
marking	analogue to DIN 51 502			CLP E 4,000
viscosity	DIN 51 562-1	at 40°C	mm^2/s	4,100
viscosity	DIN 51 562-1	at 100°C	mm^2/s	274
viscosity index	DIN ISO 2909	Process B		205
pour point	DIN ISO 3016	3°C step	°C	< -10
flashing point	DIN ISO 2592	> 79	°C	> 250
lower operating temperature			°C	-10
upper operating temperature			°C	250
colour				yellowish
density	DIN EN ISO 3838	at 20°C	g/cm^3	0.92
four-ball test rig welding load	DIN 51 350-2		N	2,200
four-ball test rig wear	DIN 51 350-3		mm	0.44

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The data in this document is based on our general experience and knowledge at the time of publication and is intended to give information of possible applications to a reader with technical experience. It constitutes neither an assurance of product properties nor does it release the user from the obligation of performing preliminary field tests with the product selected for a specific application. All data are guide values which depend on the lubricant's composition, the intended use and the application method. The technical values of lubricants change depending on the mechanical, dynamical, chemical and thermal loads, time and pressure. These changes may affect the function of a component. We recommend contacting us to discuss your specific application. If possible we will be pleased to provide a sample for testing on request. Klüber products are continually improved. Therefore, Klüber Lubrication reserves the right to change all the technical data in this document at any time without notice.

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