

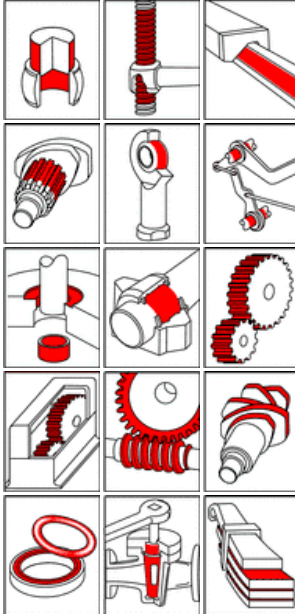


## OKS 221 - Product Information

### Fields of Application:

Mounting paste spray for press-fitting wheels, shafts, tires or bearings to prevent galling. Non-stick primer coat for moving threads (such as threaded spindles), supports, guides and slideways to prevent stick-slip effect. Wearing-in lubrication of highly stressed sliding surfaces such as plain bearings, gearwheels, crankshafts with provision of anti-seizing properties. In non-cutting shaping of the most difficult type, such as doming, pressing, embossing while avoiding critical metal contacts and welding.

### OKS 221 MoS<sub>2</sub>-Rapid Paste, Spray



### Advantages and Benefits:

Immediate effective protection under high stress conditions against corrosion, wear and stick-slipping. Rubbing into the sliding surface is not necessary. Highly effective due to the strong affinity of the MoS<sub>2</sub> for metals. Extremely low friction at highest loading capability. Increased operational reliability of moving parts due to anti-seizing properties. Resistant to water, fuels and lubricants, chemicals and hydraulic media. Improved performance due to organic molybdenum complex compounds.

### Application:

For best adhesion, clean contamination and other lubricants from sliding surfaces. Best way is to clean mechanically first (for example, with a wire brush) and then with OKS 2610 or OKS 2611 universal cleaning agent. Spray paste on evenly and thinly from a distance of about 20 - 30 cm. Remove excess. Do not use paste instead of grease and mix only with suitable lubricants. Our customer advice service will be pleased to help should you have any further questions.

### Additional Information:

Packaging (Article number):  
- 400 ml Spray (00221004)



Version:  
E-09.1/05

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## OKS 221 MoS<sub>2</sub>-Rapid Paste, Spray

### Technical Data

|                                     | Norm             | Conditions   | Unit              | Value                                      |
|-------------------------------------|------------------|--|-------------------|--|
| <b>Base Oil</b>                     |                  |  |                   |  |
| Type                                |                  |  |                   | Synthetic oil                              |
| Flash point                         | DIN EN 22719     |  | °C                | 127  |
| <b>Thickener</b>                    |                  |  |                   |  |
| Type                                |                  |  |                   | without                                    |
| Unworked penetration                | DIN ISO 2137     | No shear stress  | 0,1 mm            | 260 - 290                                  |
| <b>Additives</b>                    |                  |  |                   |  |
| Solid lubricants, type              |                  |  |                   | MoS <sub>2</sub><br>other solid lubricants |
| Additives                           |                  |  |                   | Mo <sub>x</sub> -Active                    |
| <b>Application Data</b>             |                  |  |                   |  |
| Density                             | DIN EN ISO 3838  | +20°C  | g/cm <sup>3</sup> | 1,5  |
| Colour                              |                  |  |                   | black                                      |
| <b>Service Temperatures</b>         |                  |  |                   |  |
| Minimum service temperature         |                  |  | °C                | -35  |
| Maximum service temperature         |                  |  | °C                | 450, max. 630                              |
| <b>Wear Protection Tests</b>        |                  |  |                   |  |
| VBT- weld load (Four ball test rig) | DIN 51 350-4     |  | N                 | 4.200                                      |
| <b>Friction values</b>              |                  |  |                   |  |
| Press-fit-test                      | E DIN 51 833     |  |                   | 0,05, no chatter                           |
| Thread friction values              | DIN EN ISO 16047 | Screw: ISO 4017 M10x55-8.8 plain<br>Nut: ISO 4032 M10-10 plain | μ                 | 0,07                                       |

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