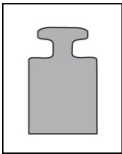
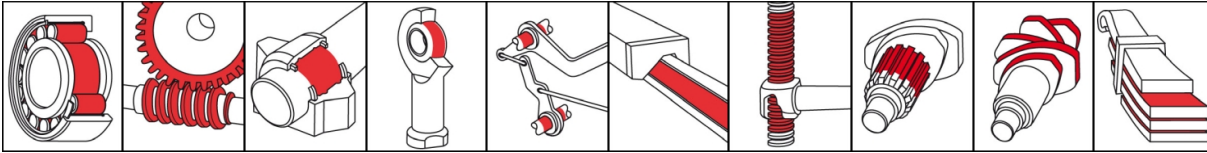


# OKS 410

## MoS<sub>2</sub> High-Pressure Long-Life Grease



**Mo<sub>x</sub> - Active**

### Description

OKS 410 is a high-pressure long-life grease for lubrication points subjected to pressure or impacts also under outdoor exposure.

### Applications

- Grease lubrication of unsheltered parts subject to heavy loading and/or impacts, such as friction, rolling and pivoting bearings, splined shafts, knockout spindles, threaded spindles and sliding surfaces of all kinds
- For harsh operating conditions

### Advantages and benefits

- Excellently suited as a safety lubricating grease in mixed friction sector with especially good wear protection
- Effectively protects against corrosion
- Contains Mox-active to improve performance

### Branches

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

### Application tips

For best results clean the lubricating point carefully. Clean with solvents like OKS 2610/OKS 2611 Universal Cleaner. Remove the corrosion protection ahead of the initial filling. Fill the bearings in a way that all the functional surfaces for sure get the grease. Slow moving bearings(DN-value < 50,000) should be filled completely, normal moving bearings should be filled to 1/3 of the free inner housing space. Observe the instructions of the bearing or machine manufacturer. Relubrication with a grease gun on to the grease nipples or with an automatic lubrication system. Relubrication intervals and amount to be defined acc. to the service conditions. If the removal of the old grease is not possible the amount of grease has to be limited to avoid excess lubrication of the bearing. At longer relubrication intervals a complete exchange of the old grease is recommended. Only mix with appropriate lubricants.

### Packaging

- 400 ml Cartridge
- 1 kg Can
- 5 kg Hobbock
- 25 kg Hobbock
- 180 kg Drum

# OKS 410

## MoS<sub>2</sub> High-Pressure Long-Life Grease

### Technical data

|   | Standard        | Conditions                            | Unit               | Value                   |
|---|-----------------|---------------------------------------|--------------------|-------------------------|
| <b>Main components</b>                    |                 |                                       |                    |                         |
| base oil                                  |                 |                                       |                    | mineral oil             |
| thickener                                 |                 |                                       |                    | lithium hydroxystearate |
| solid lubricants                          |                 |                                       |                    | MoS <sub>2</sub>        |
| additives                                 |                 |                                       |                    | Mo <sub>x</sub> -Active |
| <b>Application related technical data</b> |                 |                                       |                    |                         |
| marking                                   | DIN 51 502      | DIN 51 825                            |                    | KPF2K-20                |
| viscosity (base oil)                      | DIN 51 562-1    | at 40°C                               | mm <sup>2</sup> /s | 185                     |
| viscosity (base oil)                      | DIN 51 562-1    | at 100°C                              | mm <sup>2</sup> /s | 14                      |
| pour point                                | DIN ISO 3016    | 3°C step                              | °C                 | -20                     |
| flashing point                            | DIN ISO 2592    | > 79                                  | °C                 | > 230                   |
| drop point                                | DIN ISO 2176    |                                       | °C                 | > 200                   |
| consistency                               | DIN 51 818      | DIN ISO 2137                          | NLGI grade         | 2                       |
| worked penetration                        | DIN ISO 2137    | 60 double strokes                     | 0.1 mm             | 265-295                 |
| lower operating temperature               | DIN 51 805      | ≤ 1,400 hPa                           | °C                 | -20                     |
| upper operating temperature               | DIN 51 821-2    | F50 (A/1500/600), 100h                | °C                 | 130                     |
| maximal operating temperature             |                 |                                       | °C                 | 140                     |
| colour                                    |                 |                                       |                    | grey                    |
| density                                   | DIN EN ISO 3838 | at 20°C                               | g/cm <sup>3</sup>  | 0.92                    |
| water resistance                          | DIN 51 807-1    | 3h/90°C                               | Degree             | 1-90                    |
| DN value (dm x n)                         |                 |                                       | mm/min             | 500,000                 |
| four-ball test rig welding load           | DIN 51 350-4    |                                       | N                  | 3,600                   |
| four-ball test rig wear                   | DIN 51 350-5    | 1.420/min, 1h, 800N                   | mm                 | 0.4                     |
| SKF-EMCOR                                 | DIN 51 802      |                                       | corr. degree       | 1                       |
| <b>Product specific technical data</b>    |                 |                                       |                    |                         |
| SKF R2F                                   | DIN 51 806      | 2500/min, 20d, 20°C (Running test A)  |                    | passed                  |
| SKF R2F                                   | DIN 51 806      | 1500/min, 20d, 120°C (Running test B) |                    | passed                  |
| Timken                                    | SEB 181 302     | 43lbs                                 | mg                 | > 5                     |
| <b>Properties and approvals</b>           |                 |                                       |                    |                         |
| UFI                                       |                 |                                       |                    | XMD1-F0A5-F007-3DQ9     |

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