

# STRUB Lubricating oil M6

Mineral oil raffinate with EP properties and MoS2

Art.-No. 30595

## Description

As a running-in additive for passenger cars: 10%: Gear oil  
 2-3%: Engine oil  
 For industry: See below Fields of application

## Features

MoS2 suspension in mineral oil. STRUB Lubricating Oil M6 is freely miscible with mineral, vegetable, animal or synthetic oils. When STRUB Lubricating Oil M6 is used, a molybdenum disulfide film forms on the sliding surfaces during operation, which provides emergency lubrication when the oil supply fails or the oil film breaks off. For sliding parts that operate largely in the boundary lubrication range, STRUB Lubricating Oil M6 therefore results in a noticeable reduction in friction and wear. Existing MoS2 base films are continuously renewed and supplemented with STRUB Lubricating Oil M6 during relubrication.

## Technical data

| Application area                    | Concentration related to 100 parts   | Impact  |
|-------------------------------------|--------------------------------------|---|
| Plain bearings and Guides           | 1 to 5                               | Reduction of friction and wear  |
| Gear transmission (also automotive) | 5 to 10                              | Reduction of temperature and prevention from pitting                                      |
| Chain drives                        | 20 to 50                             | Protection against wear, keeps chains supple and extends lubrication intervals            |
| Heissläufer                         | undiluted                            | The bearing temperature is lowered and thus the service life of the bearings is increased |
| Machining                           | 2 to 10                              | Extension of tool life and improvement of the surfaces                                    |
| Chipless deformation                | 1 part with 1 to 3 parts of beet oil | Facilitates deformation of difficult deformable metals                                    |

The viscosity of STRUB Lubricating Oil M6 is ~ 150 cst / 40°C. The average particle size of MoS2 is 1 micron.

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