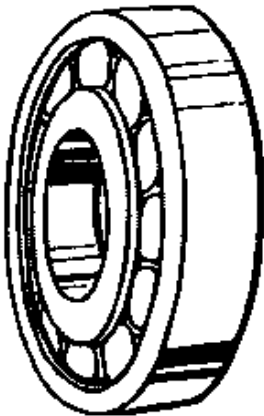
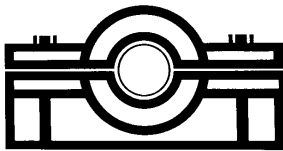
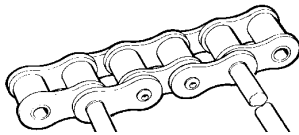
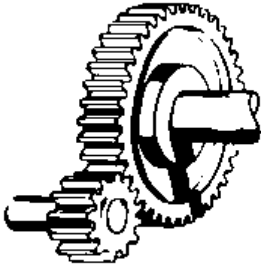


MOLYDUVAL

Additiv DU 5



MoS₂- Additive

MOLYDUVAL Additiv DU 5 is a heavy duty molybdenum disulfide additive for industrial gear and chain oils. It's a very stable, colloidal suspension of purest MoS₂ in mineral oil.

Characteristics

- high temperature stability
- full colloidal, does not set down even after long times
- high temperature and high pressure characteristics
- excellent creeping characteristics
- best lubrication performance
- displaces water

Applications

- as an additive to lubrication oils, motor oils, greases and other lubricants. Improves lubrication effect at highest temperatures and pressures or rough operating conditions. Metal-metal contact may be avoided because of a resistant solid MoS₂-film.
- for adding to engine oils during running-in time
- for adding to rust loosers
- for chains and rolls, transport chains at high temperatures, f.e. in ovens, galvanisation plants, drying machines or glass manufacturing
- for lubrication of antifriction- and sliding bearings at temperatures of more than 180 °C
- for immersion of sintered bearings
- as a creeping lubricant

How to Use

For gears add 3% up to 4%, good mixing. In special cases the concentration may be arised up to 8% . For hydraulic systems we recommend 3% . In case of cutting fluids please add 4%.

For special applications may also used pure.

PROPERTIES	Specification	Unit	
Base Oil			Mineral oil
Color			dark grey
Density, 15°C	DIN 51757 A	kg/m ³	920
Viscosity Class, Base Fluid	DIN 51519	ISO-VG	100
Temperature range		°C	-185 up to +450
Dry lubrication		°C	from 200
Flashpoint	DIN 51584	°C	270
Particle size, Average D50		µm	0,3