



## D-MAX MO

### Dispersion of colloidal molybdenum disulphide in mineral oil

#### Description

D-MAX MO is designed for use as an additive in the formulation of lubricating oils and greases containing MoS<sub>2</sub>.

#### Applications

- Automotive oils and additives
- Industrial maintenance lubricants
- Process oils
- Assembly lubricant
- Aerosol concentrate

#### Benefits

- High covering power
- Tenacious film

- Increases load carrying capacity of oils
- Reduces wear
- Prevents scoring or seizure
- Provides thin smooth coatings
- Effective lubricant for all metal surfaces
- Resistant to extremes of temperature
- Small quantity will provide maximum protection
- Will withstand pressures of 100,000 PSI
- Operational over a broad temperature range

#### Typical performance data

	MO8	MO20	MO60
Appearance	Grey-black fluid	Grey-black fluid	Grey-black paste
Consistency	Medium viscous fluid	Medium viscous fluid	Heavy paste
Solid content, %	7-8	20	60
Operating temperature, °C	-15 – 180	-15 – 180	-50 – 450

#### Stirring/Mixing/Dilution

D-MAX MO will blend with most commercially available oils or greases.

D-MAX MO is compatible with most oil additive treatments. When blending the oil should be pre-heated to about 50°C. Stir D-MAX MO thoroughly to achieve a uniform consistency, then premix equal parts of the D-MAX MO and the oil before blending with the balance of the oil. Maintain continuous agitation by mechanical stirring throughout the blending operation. We recommend using D-MAX MO at a minimum of 1% solids by weight in the finished oil.