



masteroil

## Technical Data Sheet

### Masteroil Motorversiegelung Nano-Tec

Art.-No.: 55401010250

#### Technical Data

Appearance:	clear colored liquid
density (g/cm <sup>3</sup> ):	0,91 (at 15°C)
flash point (°C):	>61 (150)
viscosity (mm <sup>2</sup> /s):	ca. 3000 (at 20°C) ca. 500 (at 40°C)
pour point (°C):	< -20
vapor pressure (at 50°C):	<100 hPa

#### Ingredients

Combination of EP/AW (extrem pressure / anti-wear) additives, lubricity improvers, stabilisers, corrosion inhibitors and VI/VT improvers in aromatic solvent. Contains marker. Contains molybdenum for smoothing of surface roughness.

#### Product description

The masteroil Motorversiegelung Nano-Tec is a special additive, which forms a molecular coating on the engine surfaces. Based on nanotechnology – for reduction of friction and wear. Increase the TBN (total base number).

#### Field of application

The masteroil Motorversiegelung Nano-Tec applicable in all commercial motor oils. The application is recommended after every oil change.

#### Benefits

Even apparently smooth metal surfaces turn out to be rough when observed under the microscope. Friction leads to wear and higher fuel consumption. The masteroil Motorversiegelung Nano-Tec chemically „hardens“ the metal surface, forming a smooth protective layer on surfaces with high frictional stress by building up of chemically active nanostructures (“bottom-up”). This leads to an optimal engine power and lower fuel consumption. A chemically active MOLECULAR NANO\* lubricating film ideally supplements the normal lubricating film and brings about a reduction in friction.

#### Product advantages

- ✓ Reduces friction and wear due to NANO-sliding film

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- ✓ Cleans engine and oil channels from deposits
- ✓ Increases engine performance, reduces fuel and oil consumption
- ✓ Reduces noise level
- ✓ Protects against oil ageing and corrosion
- ✓ Suitable for all engine oils

### **Application**

Add the additive to the engine oil through the oil filler neck. The content of one can (250ml) is sufficient for up to 8 litres of engine oil. Add again after each oil change. Suitable for all mineral and synthetic engine oils, for petrol and diesel engines. Do not use in oil bath clutches/wet clutches as there is a high degree of friction reduction.

### **Dosage**

Recommended dosage rate 1:30 (33333 mg/kg). 250 ml for up to 8 l engine oil sump.

### **Supply form**

The additive is available in a 250ml can.

### **Storage**

Store in a dry place at room temperature, temporarily higher temperatures are unproblematic. Opened containers should be resealed correctly. Avoid storage in direct sunlight.

The shelf life of the products is 24 months minimum. No visible changes of product appearance with respect to consistency and homogeneity as well as product performance had been observed after prolonged storage for 2 months at 40°C.

### **Safety considerations**

For detailed handling precautions see masteroil safety data sheet No. 2156.

### **User instructions**

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