



# KETTLITZ-Chain Oil MX 100

- technical leaflet -

KETTLITZ-Chain Oil MX 100 is a chainsaw lubricant based on mineral oil. Due to very minor temperature limitations, it can be used throughout the whole year. KETTLITZ-Chain Oil MX 100 does not contain polycyclic aromatic substances, which need to be labeled, and thus is free of cancerogenic ingredients.

KETTLITZ Chain Oil MX 100 was developed for good wear protection as well as excellent shear stability. In combination with its outstanding aging- and cold temperature resistance properties, a good all-round protection for chainsaws is achieved. Worth mentioning is also the steadiness of the oil stream, which does not break even at higher pressure grades.

Due to the temperature resistance resp. the volatility of the used ingredients, very little to no odor or smoke will occur even after a long period of time.

**KETTLITZ-Chain Oil MX 100 must not be mixed with vegetables- or water-based oils. Technical faults can occur when mixing with other materials.**

## Technical properties

|                             |                      |   |
|-----------------------------|----------------------|---|
| Chemical Characteristics    |                      | mineral oil-based chainsaw lubricant  |
| Appearance                  | (ASTM D 1500)        | clear, brown  |
| Density at 15 °C            | (g/cm <sup>3</sup> ) | 0.855 ± 0.010   |
| Refraction Index $n_D^{20}$ |                      | 1.470 ± 0.050   |
| Viscosity at 40 °C          | (mm <sup>2</sup> /s) | 100 ± 10 %  |
| Flash Point                 |                      | > 220 °C  |
| Pour Point                  | (DIN ISO 3016)       | ca. – 15 °C   |
| Brugger Value               | (DIN 51347-2)        | 42,3 N/mm <sup>2</sup>  |
| Cold Temp. Behavior         | (24h/-10°C)          | flowable  |
| Physiological Behavior      |                      | see safety data sheet   |
| Storage Stability           |                      | 7 years under suitable storage conditions   |
| Packing                     |                      | 5-liter and 20-liter canisters<br>60- and 200-liter drums, in 1 000-liter containers,<br>tanker trucks available at 5 000 kg or more,<br>customer-specific containers on demand |