EASYCUT NMO121

CHLORINE-FREE MINERAL OIL-BASED NEAT METALWORKING OIL, 12 mm^2/s

Mineral oil-based low viscosity multipurpose neat metalworking oil NMO121 is used undiluted for low to medium duty general machining incl. GD (gun drilling) of alloy steel, plain carbon steel, cast iron, aluminum and yellow metals.

COMPOSITION FEATURES

Does not contain chlorine.

PRODUCT PROPERTIES AND ADVANTAGES

- High surface finish and low tool wear due to optimally balanced EP additives.
- Excellent stability against ageing and oxidation.
- Low drag out .

TECHNICAL DATA

- Appearance: Brown, clear.
- Density at 15 °C [kg/m^3]: 851.
- Kinematic viscosity at 40 °C [mm^2/s]: 12.
- Flash point [°C]: >160.
- Corrosion of copper (3 hours / 100 °C): 1a (slight tarnish).

RECOMMENDATIONS AND FEATURES

Mixing with other mineral-based neat cutting oils of similar viscosity is generally feasible without adverse effects. However, ***EASYCUT*** representatives do not assume responsibility for any potential incompatibility with products from other manufacturers.

To ensure compatibility, it is recommended to perform a preliminary test by mixing a small quantity of the two oils in a transparent container. If no phase separation is observed after 24 hours, the products can be safely mixed in a machine.

SHELF LIFE AND STORAGE CONDITIONS

Stable for 12 months when stored at a temperature of 5 to 40 °C in unopened containers.

COMMENTS

Minor variations in color and appearance are possible due to the raw materials chosen. However, these have no influences on the functionality of the product.

All information on safe and proper handling can be found on the MSDS.

DESIGNED IN GERMANY

Coolant Calculator
Please use our on-line coolant calculator for top-up concentration math.

Full ***EASYCUT*** metalworking-fluids portfolio:

Import to Canada: CNCmarket.ca Inc.,
4115 61 Ave SE #2, Calgary, AB T2C 1Z6, Canada

Product technical data sheet (v 2026-01-01)