

CUTTEX MN-XR SERIES

HIGH PERFORMANCE METALWORKING OIL

PRODUCT DESCRIPTION

They are high performance cutting oils, which are formulated with highly refined base oils and special additives.

Thanks to their additives, they are resistant to high pressure, foam formation, rust and corrosion. They have superior lubrication properties and they reduce the formation of oil mist to minimum.

APPLICATION / USAGE

They are used as pure for severe machining and milling operations of high-alloy steels, steel, cast iron, bronze, brass and other metals.

Basic function of the lubrication of the workpiece and the chip, thus creating an intermediate layer is to prevent direct contact of two objects.

They preserve cutting tool against wear, providing creation of the solid layer on the upper surface due to special anti-wear and extreme-pressure (EP) additives.

ADVANTAGES / BENEFITS

- Provide excellent surface quality after the operations due to special additives,
- Increase the tool and equipment life even during high-speed operations,

- Thanks to special additives, it minimizes wear,
- Thanks to thermal stability and high oxidation resistance, they are long-lasting products,
- Minimize mist and foam formation,
- Due to excellent cutting, cooling and washing properties during the tapping operation, it prevents chips formation and excessive loss of metals,
- Help the chips to settle down in the tank, as a result the oil stays clean and the life of oil is improved,
- Retain their performance characteristics, even under difficult operating conditions,
- Increase productivity and decrease unit costs.

STORAGE

Protect from direct sunlight and rain. Store in the original closed drums and in covered areas. Storage temperature must be between (+5)-(+40)°C

HEALTH AND SAFETY

This product is unlikely to present any significant health or safety hazard when properly used in the recommended application. Used or waste product should not be allowed to contaminate soil or water. Used or waste product should be disposed of in accordance with local regulations. For further guidance on product Health and Safety refer to the appropriate Material Safety Data Sheet.

| TECHNICAL PROPERTIES | TEST VALUES | | | | TEST METHOD |
|---------------------------------|---------------|------|------|------|-------------|
| | 100 | 200 | 300 | 400 | |
| Appearance | Yellow, Clear | | | | - |
| Kinematic Viscosity (40°C, cSt) | 14,8 | 24,8 | 32,0 | 44,3 | ASTM D 445 |
| Flash Point (°C) | 180 | 216 | 222 | 228 | ASTM D 92 |

"The above information is derived from our quality checks. Given values are typical of current production. While future production will conform to our specification, variations in these characteristics may occur. Quality Control Analysis Report for to learn properties of the product that is supplied can give. It does not relieve the purchaser from examining product upon delivery and gives no assurance of the product for any particular purpose. Due to continual product research and development, the information contained herein is subject to change without notification."

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