

Oemeta OEMETOL 500 Forming Oil

Technical Data Sheet | SKU: OEM-OEMETOL-500

PRODUCT DESCRIPTION

OEMETOL 500 series is used in medium-heavy forming and machining processes for die protection, friction control and surface quality.

PRODUCT INFORMATION

SKU: OEM-OEMETOL-500

Brand: Oemeta

Category: Metalworking Fluids

Origin: Imported

Product Type: Forming Oil

Use: Medium-heavy forming

Application Area: Metalworking Process, Wire, Cable and Forming

Sectors: Iron and Steel, Automotive and Sub-Industry, Fasteners Industry, Other Industrial

Production Areas

APPLICATION AREAS

- Medium-heavy forming
- Metalworking Process
- Wire, Cable and Forming
- CNC machining
- Cutting, drilling and grinding operations
- Processes requiring forming performance and surface quality

KEY FEATURES

- Friction control
- Die protection
- Surface quality
- Supports surface quality retention
- Technical basis for process stability and tool performance

PERFORMANCE LEVEL / STANDARDS

- ISO 6743-7 L-MHE/MHF

TECHNICAL VALUES

The technical values below must be verified against the current official brand technical data sheet.

Property | Test Method | Unit | Typical Value

Kinematic Viscosity @40C | ASTM D445 | mm²/s | To be taken from official TDS

Kinematic Viscosity @100C | ASTM D445 | mm²/s | To be taken from official TDS

Viscosity Index | ASTM D2270 | - | To be taken from official TDS

Density @15C | ASTM D4052 | g/cm³ | To be taken from official TDS

Flash Point | ASTM D92 | C | To be taken from official TDS

Pour Point | ASTM D97 | C | To be taken from official TDS

Copper Corrosion | ASTM D130 | rating | To be taken from official TDS

Foaming Tendency | ASTM D892 | ml | To be taken from official TDS

APPLICATION NOTE

Before use, check the machined material, tool type, operation severity, water quality and

process concentration. Before serial use, monitor surface quality and tool performance through a trial run.

STORAGE

Store in the original closed package in a dry, cool warehouse away from direct sunlight. Close drum and canister caps after use; protect the product from water, dust and foreign matter contamination.

SAFETY

Refer to the current Safety Data Sheet for safe use, handling, storage and disposal. Apply personal protective equipment and plant occupational safety instructions.

SOURCE / BRAND PAGE

<https://www.kimyag.com/kimyag-urunler/kimyag-oemeta/>

WARNING

This technical data sheet is preliminary catalogue information. Final product selection must be verified with the current brand TDS/SDS documents, equipment manufacturer instructions and site operating conditions.