



## APPLICATIONS

**Eni Aster MP** is an EP (Extreme Pressure), multifunctional oil without chlorine suitable for metal cutting machinings and for the lubrication of the machine tools.

It is recommended for automatic machining of ferrous and non-ferrous metals of medium severity such as: milling, turning, drilling, threading, especially recommended in machine tools where contamination of the cutting fluid by the lubricating oil may occur.

**Eni Aster MP** is suitable for cutting gear hobbing on high machinability steels.

As lubricant for machine tools, it may be used for all applications for which an ISO VG 32 grade oil is required.

## CUSTOMER ADVANTAGES

- Low tendency to form mist and foam
- Multifunctional product for cutting machinings and for lubrication of the machine tool
- High corrosion protection of the workpieces and of the machine tool

## SPECIFICATIONS - APPROVALS

- ISO 6743/7 MHE





## CHARACTERISTICS

| Properties        | Method      | Unit               | Typical    |
|-------------------|-------------|--------------------|------------|
| Appearance        | -           | -                  | clear      |
| Density at 15°C   | ASTM D 4052 | kg/m <sup>3</sup>  | 878        |
| Viscosity at 40°C | ASTM D 445  | mm <sup>2</sup> /s | 32.0       |
| Viscosity Index   | ASTM D 2270 | -                  | 107        |
| Flash point (COC) | ASTM D 92   | °C                 | 230        |
| Pour point        | ASTM D 97   | °C                 | -10        |
| Demulsibility     | ASTM D 1401 | min/cc             | 10-40/37/3 |

## WARNINGS

- Perform compatibility test in case of topping up of different product.
- Further information on the product are available on the Material Safety Data Sheet.

