



# Martol EP 100 CF

## DESCRIPTION

Whether you need to cut, drill, grind, or form metal parts, TotalEnergies Lubrificants has the right metalworking fluid for you. Our products are designed to meet the highest standards of quality and performance, and to help you optimize your operations.

**Martol** is a versatile range of high-performance forming fluids, shaping a path of consistency for you and your operations.

## APPLICATIONS

With their specific extreme-pressure additives, Martol EP CF range offer superior performance without the use of chlorinated additives. A wide viscosity ranges from 5 to 400 cSt enables most steel and stainless-steel forming operations to be carried out, for thicknesses up to 10 mm.

**Martol EP 100 CF** is designed for drawing and stamping of low-to medium-carbon steel with a thickness < 5 mm. It offers some compatibility with stainless steel. For removal, degrease using usual solvents and hot alkaline solutions.

## RECOMMENDATIONS

Martol EP 100 CF is a doped fluid mineral oil without chlorinated additives, aligning with environmental protection needs and industry demands. It excels in spreading the oil film effectively. Its oiliness, anti-wear, and extreme-pressure properties enhance tool durability and surface quality, leading to reduced production costs. Additionally, it achieves performance levels comparable to chlorinated counterparts while offering the distinct advantages of pollution prevention and cost-effective disposal.

## TYPICAL CHARACTERISTICS

| TYPICAL CHARACTERISTICS | METHODS     | UNITS              | MARTOL EP 100 CF |
|-------------------------|-------------|--------------------|------------------|
| Density at 15°C         | ISO 3675    | kg/m <sup>3</sup>  | 0.917            |
| Viscosity at 40°C       | ISO 3104    | mm <sup>2</sup> /s | 100.8            |
| Cleveland flash point   | ISO 2592    | °C                 | > 190            |
| 4-ball EP/weld load     | ASTM D 2783 | kgf                | > 800            |

This lubricant used as recommended and for the application for which it has been designed does not present any particular risk.

A material safety data sheet conforming to the regulations in use in the E.C. can be obtained from your local commercial adviser or down loaded at [ms-sds.totalenergies.com](https://ms-sds.totalenergies.com)