



Martol EP 79

DESCRIPTION

Whether you need to cut, drill, grind, or form metal parts, TotalEnergies Lubrifiants 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

Martol EP products offer superior performance for the most severe operations on ferrous materials. A combination of sulfur and long-chain chlorinated paraffins extreme-pressure additives, enables most steel and stainless-steel forming operations to be carried out, for thicknesses up to 10 mm.

Martol EP 79 is designed for severe stamping operations on ferrous metals (semi-hard steel, hard steel and stainless steel) with a thickness from 1 to 10 mm. It offers some compatibility with fine blanking.

RECOMMENDATIONS

Martol EP 79 stands out for its ability to reduce tool wear, thanks to its outstanding extreme-pressure properties. Its chlorinated content is classified as non-toxic by the EC Directive 1272/2008 CLP. Additionally, it ensures the production of high-quality finished parts, displaying excellent friction control, even during the critical running-in phase.

TYPICAL CHARACTERISTICS

TYPICAL CHARACTERISTICS	METHODS	UNITS	MARTOL EP 79
Density at 15 °C	ISO 3675	kg/m ³	1045
Kinematic viscosity at 40 °C	ISO 3104	mm ² /s	78
Flash point OC	ISO 2592	°C	> 165
Pour point	NF T 60105	°C	- 18
Copper strip corrosion	NF M 07015	cotation	1a

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