



Martol EP 65 CF

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

With their specific extreme-pressure additives, Martol EP CF products offer superior performance without the use of chlorinated paraffin. 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 65 CF is designed for wiredrawing, cutting, forming, and stamping of steel with a thickness < 3 mm. It offers some compatibility with aluminum. For removal, degrease using usual solvents and hot alkaline solutions.

RECOMMENDATIONS

Martol EP 65 CF facilitates multi-pass stamping operations without needing re-greasing. It addresses environmental concerns and industry demands through its chlorine-free formulation. The oil boasts efficient oil film spreading and performance akin to chlorinated counterparts, without environmental drawbacks and with cost-effective disposal. Notably, it provides strong anticorrosion attributes, enhancing its overall value.

TYPICAL CHARACTERISTICS

TYPICAL CHARACTERISTICS	METHODS	UNITS	MARTOL EP 65 CF
Density at 15°C	ISO 3675	kg/m ³	912
Colour	Visual	-	Dark
Viscosity at 40°C	ISO 3104	mm ² /s	60
Viscosity at 100°C	ISO 3104	mm ² /s	9.8
Cleveland flash point	ISO 2592	°C	202
Viscosity index	ISO 2909	-	130
Pour Point	ISO 3016	°C	- 18
4 balls welding load	ASTM D 2783	kg	> 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

TECHNICAL DATA SHEET

V.12/2023



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