



Martol AL 20 HC

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

The Martol AL range combines high-performance additives with high-quality base oils. The dedicated formulation avoids aluminum staining problems, while ensuring a high level of finish and simplifying the degreasing stage. Covering a viscosity range from 20 to 150 cSt, Martol AL can be used for a variety of operations, including deep drawing and wire drawing.

Martol AL 20 HC is a high-performance forming oil designed for forming and stamping of aluminum with a thickness < 1 mm. It's also suitable for ferrous and other non-ferrous metals.

ADVANTAGES

Martol AL 20 HC is formulated with a special blend of fatty esters and polar agents to improve forming capacity. This results in an improved tool lifetime and enhanced quality of formed parts. Key advantages include:

- formulated with hydrocracked base oils. This assures a very low PAH content
- contains special molecules to accelerate degreasing, resulting in improved productivity at this stage.
- has a low volatility which significantly reduces consumption by evaporation losses.

TYPICAL CHARACTERISTICS

TYPICAL CHARACTERISTICS	METHODS	UNITS	MARTOL EP 65 CF
Viscosity at 40°C	ISO 3104	mm ² /s	24.5
Viscosity at 100°C	ISO 3104	mm ² /s	5.5
Density at 15°C	ASTM D 4052	Kg/m ³	841

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