



Martol VB 68

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 VB 68 oil is a neat oil formulated for cold forming operations on ferrous and non ferrous metals. They incorporate a special chlorine-free additive which gives them a high level of extreme-pressure capabilities.

- **Martol VB 68** oils are specially recommended for cold heading operations: manufacture of screws and bolts of all types, for example on the "National" machines.
- **Martol VB 68** oils can also be used for other forming operations such as stamping, cambers, folding, bending

ADVANTAGES

Martol VB 68 oils are robust fluids which offer a constant quality throughout production. Their high resistance to oxidation allows a reduced consumption and increased fluid lifetime

- Martol VB 68 oils may be applied by spray or by lubrication. These oils are easily removed by alkaline detergents or regular oil solvents.
- Excellent extreme-pressure level for tool and die protection
- Rust protection according to procedure B of the ASTM D 665 standard test
- Compatibility with copper and alloys.

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 advisor or downloaded at ms-sds.totalenergies.com

TYPICAL CHARACTERISTICS

Typical characteristics	Methods	Units	Martol VB 68
Specific gravity at 15 °C	ASTM D 1298	kg/m ³	883
Kinematic viscosity at 40 °C	ASTM D 445	mm ² /s	68
Kinematic viscosity at 100 °C	ASTM D 445	mm ² /s	9
Flash point C.O.C	ASTM D 92	°C	240
Copper strip corrosion	ASTM D 130	rating	1a
Antirust properties A and B	ASTM D 665		pass

The characteristics shown in this table are typical values given for illustrative purposes.

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