



Martol SB 40

DESCRIPTION

- Multifunctional oil for machine tools.
- **Martol SB 40** is manufactured from highly refined paraffinic base stocks, antiwear and polar additives. **Martol SB 40** is meant for multifunctional activity viz... Screws and Bolt forming, metal cutting and slide way lubrication.

APPLICATIONS

- Machine tool operation – Forming, cutting and slide way.
- Best suitable for centralized lubrication systems.
- Compatible with TotalEnergies range of metal working fluids.
- Suitable for cast iron, alloy steel & copper metal cutting operation.

ADVANTAGES

- Multiutility (forming, machining & slide way) nature helps in product rationalisation and reduction in maintenance cost.
- Anti-stick-slip property helps in avoiding chattering marks on the component.
- Exhibit good filterability character.
- Excellent friction reduction characteristic helps to achieve zero rejection and rework by better aesthetics & dimensional accuracy.
- Balanced EP & anti wear formula helps to run the machine at high speed and load with precision.
- Non corrosive nature with copper makes it versatile for ferrous and non ferrous operation.
- Medium viscosity nature helps in reducing the impact of cross contamination of hydraulic oil.

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 SB 40
Density at 29.5 °C	ASTM D 1298	kg/l	0.856
Kinematic viscosity at 100 °C	ASTM D 445	cSt	6.41
Viscosity at 40 °C	ASTM D 445	cSt	40.55
Viscosity Index	ASTM D 2270		110
Pour point	ASTM D 97	°C	-9
Flash point COC	ASTM D 92	°C	236

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

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