

Product Data Sheet

MAK SHEROL E

DESCRIPTION

This oil is water based fluid designed as a coolant for grinding iron and steel.

APPLICATIONS

This oil is recommended for grinding operations for ferrous metals and alloys.

Also finds use as a Quenching Medium in certain heat treatment process requiring an aqueous solution.

PERFORMANCE BENEFITS

- It sheds grinding debris readily, keeping the wheel exceptionally clean and free cutting, thus promoting high surface finish and improving grinding accuracy
- At water to fluid ratios between 50 to 80:1, it has excellent cooling and anti-rust properties

PERFORMANCE LEVEL

- IS 11186 : 1985 [Reaffirmed March, 2002]

| Characteristics | IS 1448 | Typical Figures |
|---|---------|-----------------|
| Appearance | -- | Blue |
| Specific gravity at 15.6°C | P:32 | 1.23 |
| PH of 25 solution with distilled water | -- | 9.2 |
| Dilution test | -- | passes |
| Water, % by mass | P:40 | 45 |
| 50:1 ratio emulsion / solution with distilled water | -- | 0 / 0-0 |

Health and Safety

This oil is not hazardous under normal conditions of use. For further guidance appropriate Material Safety Data Sheet may be referred.

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