

MAK SHEROL E

Description

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

Application

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.

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]

Technical Specifications

Characteristics	ASTM	MAK SHEROL E
Appearance	--	Blue
Specific gravity at 15.6°C	D1298	1.23
pH of 25 solution with distilled water	--	9.2
Dilution test	--	passes
Water, % by mass	-	45
50:1 ratio emulsion / solution with distilled water	--	0 / 0-0

All the mentioned values are typical which may vary from batch to batch.

Storage and Handling

- Indoor Storage is always preferable
- Barrels should be kept horizontally with bunk position at 3 O'clock 9 O'clock position
- Barrels should be kept away from dusty or heated areas.
- During handling any contact with dust must be avoided

Health & Safety

This grade is not hazardous under normal conditions of use. For further guidance Material Safety Data Sheet (MSDS) may be referred.

Advice

For any further advice on applications or otherwise, please contact the nearest Bharat Petroleum territory office or Technical Services department at the address given below.

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