

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.

Bharat Petroleum Corporation Ltd.

Technical Services

A' Installation, Sewree (East), Mumbai – 400 015

Phone: 022-24176354, Fax: 022-24182511 / 24166512

email: z_techservices@bharatpetroleum.in

Edition: R&D / Ind / 070 / Issue1/Oct, 2008