

MAK SHEROL BS

Description

MAK Sherol BS is semi-synthetic cutting oil designed for general purpose machining and grinding operations of ferrous and non-ferrous metals (including aluminum).

MAK Sherol BS is environment friendly, as it does not contain chlorine, nitrite, heavy metals and phenol.

Application

This soluble cutting oil is recommended for sawing, turning, milling, drilling and other chip forming operations.

Operations type	Suggested concentrations %
Difficult operations of materials	7-10
General machining	5-7
Grinding	3-5

Benefits

- It provides excellent protection against corrosion
- Very good foaming properties
- Excellent cooling properties
- Its better heat removal property from workpiece extends tool / grinding wheel life and improves surface finish in metal removal operations
- Excellent visibility of workpiece because of translucent emulsion
- Longer emulsion life
 - ✓ Stable in varied ambient operating conditions
 - ✓ Enhanced emulsion life due to inbuilt biocide

Performance Level

- IS 1115: 1986 [Reaffirmed March, 2002]

Technical Specifications

Characteristics	MAK SHEROL BS
Kinematic Viscosity at 40°C, cSt	50
Emulsion Test, 400 ppm Hard Water	No oil / No cream
Cast Iron Corrosion (No. of pits / area of staining-intensity of staining)	0 / 0-0
Frothing Test, 200 ppm Hard Water	No froth

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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