

MAK HYDROL HFB

Description

These are water in oil emulsion type. In these fluids, water is suspended in petroleum oil which, at 60% by vol./mass, makes up the bulk of the product.

Application

These fluids are suitable for use in steel mills and coal mines, where the equipment is designed to operate with HFB fluids. They are also used in plastic and die casting industries in injection moulding machines.

Benefits

- Excellent lubrication and corrosion resistance and in some cases offer performance approaching that of mineral oil
- The Water provides fire extinguishing mechanism

Performance Level

- IS 10532 (part 2) : 1983 [Reaffirmed Nov., 1998]

Technical Specifications

Grades	MAK Hydrol HFB 68	MAK Hydrol HFB 100
K.V.@40°C, cSt	68.3	100.5
Rust preventive characteristics	Passes 24hrs. test	Passes 24hrs. test
Fire resistance characteristics	Passes test A, B, C of IS : 7895	Passes test A, B, C of IS : 7895

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 and Safety

These oils are not hazardous under normal conditions of use. For further guidance appropriate 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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