

MAK HIVOLTOL

Description

HIVOLTOL is a series of high performance transformer oils specially developed to satisfy different application and various equipment needs

MAK HIVOLTOL is uninhibited electrical insulating oil made up of superior quality base oil for use as an insulating and heat transfer media in electrical systems. It is severely hydro-treated low aromatic oil and also free from polar compounds. This ensures high oxidation stability and ageing properties extending the life of the product and the transformer HIVOLTOL has excellent dielectric properties, High flash point, good oxidation and thermal stability which give minimum power losses and better insulation

Application

It is used as a quenching media for power and distribution electrical apparatus such as transformers, switch gears, circuit breakers, capacitors and other allied equipment.

Benefits

- Outstanding Oxidation Stability :No sludge formation, Improves life of oil & solid insulation
- High volume Resistivity : Gives high insulation resistance between transformer windings
- Very low dielectric dissipation factor:Improves efficiency of transformer
- Highly refined Group II plus oil : low aromatic and sulphur content and have high initial interfacial tension
- Non corrosive and low acidity formation : Enhance life of oil and transformer

Performance Level

- IS 335:1993
- Approved by BHEL, Railways, Crompton Greaves Ltd and many other industries

Technical Specifications

Characteristics	ASTM	Requirement	MAK HIVOLTOL
K.V at 27° C, cSt	D445	27.0 max.	16
Break Down Voltage of new unfiltered oil, KV.	D877	30.0 min.	62
Pour point, °C	D97	-6 max.	-12
Flash Point, (PMCC), °C	D92	140 min.	154

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 bung position at 3'o clock 9 'o clock position
- Barrels should be kept away from
- dusty or heated areas as much as possible

Health and Safety

These oils are not hazardous under normal conditions of use. For further guidance appropriate Material Safety Data Sheet 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.

Bharat Petroleum Corporation Ltd.

Product and Application Development Dept.
 BPCL 'A' Installation, Sewree Fort Road, Sewree (East)
 Mumbai -400015
 E-mail: MAKcustomercare2@bharatpetroleum.in
 Tel No.: 022-24176351