

Indian Standard

SPECIFICATION FOR UNUSED INSULATING MINERAL OILS FOR CABLES WITH OIL DUCTS

SECTION ONE - GENERAL

1. Scope

- 1.1 This standard covers specifications and test methods for unused mineral insulating oils, as delivered, intended for use in cables with oil ducts. These include hollow core cables, pipe type cables and any others in which provision is made for the oil to flow. Oils concerned are obtained by distillation and refining of petroleum. Oils with and without additives are within the scope of this standard.

- 1.2 This standard does not apply to mineral insulating oils used in transformers, switchgear, capacitors and similar equipment or to hydrocarbon insulating liquids obtained by synthesis.

- 1.3 For the purposes of this standard three grades of oil are considered: class I, class II and class III, based on the values of certain physical properties namely: viscosity, flash-point and pour-point.