

COMPATABILITY OF XLPE AND C14 CABLE OIL

Cable oil is found in fluid filled cables and could come in contact with XLPE cables at transition joints. Literature claims that cable oil is “fairly” compatible with XLPE. This bulletin serves to quantify the effect of cable oil on XLPE

XLPE reacts unfavourably, when in contact with cable oil. The picture below shows the swelling of XLPE after only 4 days exposure at 90°C in cable oil, T3788 (C14).



Every measure must be taken to avoid contact between cable oil and XLPE.

electric
african cables