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GM/RAP
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Subject: Usage of DONGNAM ESTRAN T2-HI & ESTRAN T2-U in OLTC's manufactured by MR

Maschinenfabrik Reinhausen GmbH (MR) herewith confirms that:

- unused insulating oils derived from petroleum products¹⁾ in accordance with IEC 60296 and ASTM D3487 and
- unused insulating oils derived from other virgin hydrocarbons in accordance with IEC 60296, or blends of these oils with petroleum products¹⁾ in accordance with IEC 60296, ASTM D3487

are generally permitted to be used in On-Load Tap-Changers manufactured by MR and do not require an explicit approval.

1) Gas-to-liquid oils (GTL oils) are understood in this context to be petroleum products

As ESTRAN T2-HI & ESTRAN T2-U, manufactured by DONGNAM PETROLEUM IND.CO., LTD., are in accordance with IEC 60296 they are permitted to be used in On-Load Tap-Changers manufactured by MR.

Best regards

Vasil Chobanov



Matthias Schad

Vasil Chobanov
GOP Qualification & Release (SOR)
Maschinenfabrik Reinhausen GmbH

Matthias Schad
General Manager
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