

## 5 CONCLUSION

1. The optimum 60° U-Shaped TLCD orifice blocking ratio which has 4 holes of 18 mm orifice diameter is 29.23%. This type of TLCD can dampen vibration up to 80.04 % of magnitude.
2. The TLCD using orifice is better than the one without orifice in damping vibration. The lower orifice blocking ratio the better damping factor, except for a 2 hole orifice TLCD which can not dampen vibration.

