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Analysis of textured multi-lobe non-recessed hybrid journal bearings with various restrictors

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Highlights

- FEM modelling of textured/non-textured two-lobe/circular non-recessed hybrid journal bearing systems.
- Compared the performance parameters of textured and non-textured two-lobe/circular non-recessed hybrid journal bearings.
- Computed the influence of electro-rheological lubricant on the textured/non-textured two-lobe/circular non-recessed hybrid journal bearings.
- Computed the effect of method of compensation on the textured/non-textured two-lobe/circular non-recessed hybrid journal bearings.

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