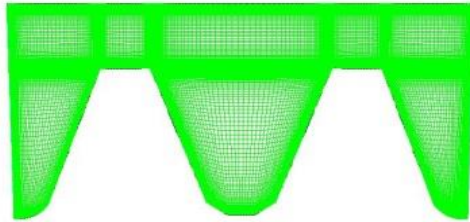


Machinery Windage (Tianbo Zhai)

Aerodynamic studies of gearbox windage using ANSYS Fluent/Cfx. Windage Power loss (WPL) become dominant in high-speed rotating machinery. This research includes modeling gear windage power loss with computational tools (eg. Fluent), in order to predict the power loss. The ultimate goal is to find procedures to effectively reduce Windage Power Loss.



Mesh Mar 03, 2015
ANSYS Fluent 15.0 (2d, pbns, RSM)

