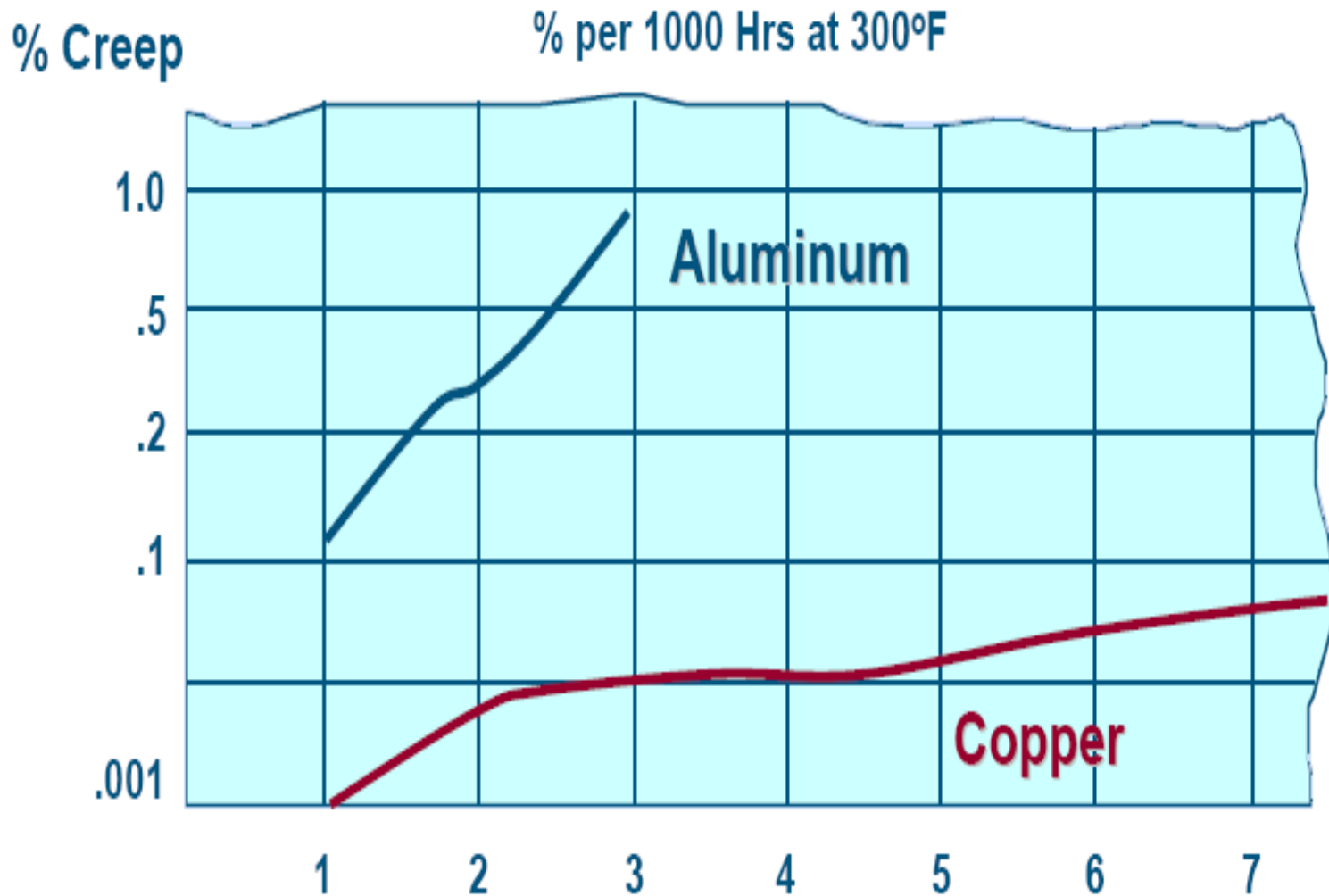


% Creep of Al .vs. Cu at 130°C



Summary

- Increased demand for electricity is leading to increased loading and higher operating temperatures of underground feeder circuits.
- Many Utilities complain that their 600A feeder joints are overheating
- Independent lab testing confirms that aluminum compression connectors go into thermal runaway when tested in U/G joints
- Working group B8W now focused on developing a standard for insulated cable connectors