Following treatment with CCA, the outer layer of ET® poles is treated with a refined hydrocarbon oil emulsion. This additive serves as a lubricant, making the pole easier to climb and to work on, without affecting the preservative properties of the CCA treatment.

The result is a number of practical features.

**Long life.** Wolmanized® CCA-treated poles are backed by a 50-year warranty against damage from termites and fungal decay. For details, see wolmanizedwoodHD.com/poles.

**Low conductivity.** The low conductivity of dry Wolmanized® poles provides protection against the effects of current leakage and increases the security of line workers.

**Fixed preservative.** Because of CCA fixation in the wood, there is virtually no migration. As a result, remedial groundline treatment is not required for aging poles and rotation of poles in storage is unnecessary.

**Cleanliness.** These poles are clean to the touch and nonstaining to utility workers and to people who might come in contact with them.

**Safety.** An independent human health risk assessment — on children who play near CCA poles and workers with exposure to these poles — found less intake of inorganic arsenic from poles than from normal intake of food and drinking tap water.

**Climbability.** Excellent climbing characteristics have been confirmed by numerous field-climbing trials on both new and aged poles.

**Workability.** They are easier to saw, drill and nail into than regular CCA poles because the emulsion additive acts as a lubricating oil.

**Fire resistance.** The addition of oil emulsion can lessen the effects of fire. A study by representatives of The Australian National University concluded that “CCA-oil treated posts were less likely than CCA-C or CCA-wax treated posts to be destroyed after two hours of smouldering.”

Combining the longevity and cleanliness of CCA poles with the climbability of oil-impregnated poles.