



**OTDS LTD
WOODEN POLES
PROTECTING
POWER & UTILITY
POLES?**

**CREOSOTE
OR**



*PRESSURE TREATED
POWER & UTILITY POLES*

**THE CHOICE
IS SIMPLE!**

Creosote

Creosote has been used as a wood preservative since the 1930s. It can be an effective and durable product but its continued use is increasingly being questioned. It is now banned for domestic use in the European Union and completely banned in other African countries.



- X** Creosote has a strong smell which is unpleasant for workers at the treatment plant and during pole installation.
- X** Creosote transfers onto the skin and clothes of workers handling the poles.
- X** Creosote is regarded as a primary skin irritant.
- X** Creosote leaches from the wood throughout the life of the pole. Tests in the USA suggest that these losses can be as high as 85% in wet conditions.
- X** Such losses cause a lowering of effectiveness, poisoning of the ground and contamination for surroundings and people.
- X** Remedial ground line maintenance of creosoted poles is often required because of leaching, therefore increasing costs.
- X** Creosote poles in storage need to be rotated periodically so the creosote does not sink to the lower side. This increases cost before the pole has even been installed.
- X** The cost of all petroleum based products, including creosote, is continually increasing.
- X** The European Union's Directive 2001/90/EC of October 2001 stated that "A recent study has concluded that creosote has a greater potential to cause cancer than previously thought."



PRESSURE TREATED POWER & UTILITY POLES

OTDS products are pressure impregnated with copper based TANALITH wood preservatives. These were also first developed in 1930s and have continually evolved to provide a proven, clean and safe long term performance worldwide for a wide range of timber products, including power and utility poles.



- ✓** TANALITH is the most effective waterborne wood preservative ever developed.
- ✓** Effective against all wood destroying organisms.
- ✓** TANALITH treated poles have guaranteed service life up to 30 years.
- ✓** Odourless, non-tainting, non-flammable and compatible with a wide range of metal fixings.
- ✓** Very economical treatment – is not reliant on the cost of petroleum.
- ✓** Safe to humans, animals and plants when handled and applied correctly. Unlike creosote, TANALITH does not kill plants which come into contact with freshly treated timber.
- ✓** When impregnated into the timber, the chemical components of TANALITH preservative bond within the wood structure.
- ✓** Excellent pole strength - full-scale testing has shown that TANALITH treated poles meet all specifications required.
- ✓** Cleanliness - TANALITH treated utility poles are easier to handle, clean to the touch and non-staining to utility work crews.

25mm TANALITH preservative penetration on eucalyptus pole.



otds